



PARTS CATALOG

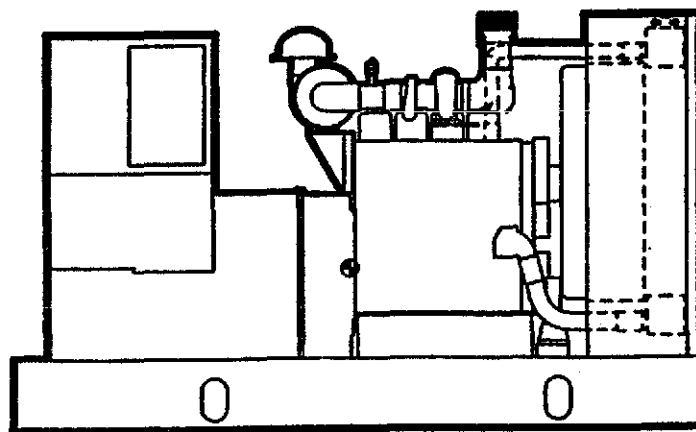
Onan Model

ENA ENAD

ENB ENBA

ENC

Generating Set



Introduction

This catalog applies to Onan Generator Models as listed in the Generator Set Data Table. Parts are arranged in groups of related items and each illustrated part is identified by a reference number corresponding to the same reference number in the parts list. Parts illustrations are typical. Unless otherwise mentioned in the description or page heading, parts are interchangeable between models. Throughout this catalog left and right sides are determined by facing the engine end (front) of the set.

Some parts list a second source for obtaining service replacement parts. A list of distributors and their addresses are located toward the rear of this catalog.

Engine parts that have been modified or added by Onan are identified in this catalog. All other engine replacement parts must be ordered from the engine manufacturer by referring to the engine manufacturer's nameplate and supplying all available information. Contact your nearest engine parts dealer for assistance in ordering replacement parts.

Replacement Engine

<u>Onan/Cummins Generator Model</u>	<u>Ford Engine Model</u>	<u>Onan Replacement Engine No.</u>
ENA	LSG-875	100-2249
ENB	LSG-875	100-2202
ENC	LSG-875	100-2249
ENAD	LSG-875	100-2249
ENBA	LSG-875	100-2202

Replacement engines can be ordered from Onan.
Order from your nearest Distributor.

Generator Set Data Table

ONAN MODEL & SPECIFICATION	ELECTRICAL DATA					BATTERY VOLTAGE
	WATTS	VOLTS	HERTZ	WIRE	PHASE	
50ENA/*	50,000	#	50	12	1 or 3	12
60ENA/*	60,000	#	60	12	1 or 3	12
54ENB/*	51,000	#	50	12	1 or 3	12
65ENB/*	65,000	#	60	12	1 or 3	12
58ENC/**	58,000	#	50	12	1 or 3	12
70ENC/*	70,000	#	60	12	1 or 3	12
56ENAD/*	56,000	#	50	12	1 or 3	12
75ENAD/*	75,000	#	60	12	1 or 3	12
75ENBA/*	75,000	#	50	12	1 or 3	12
100ENBA/*	100,000	#	60	12	1 or 3	12

- * - The specification number denotes customer requested options or deviations from a standard model. The specification letter advances (E to F, F to G, etc.) with major manufacturing changes.
- # - Broad range reconnectable.

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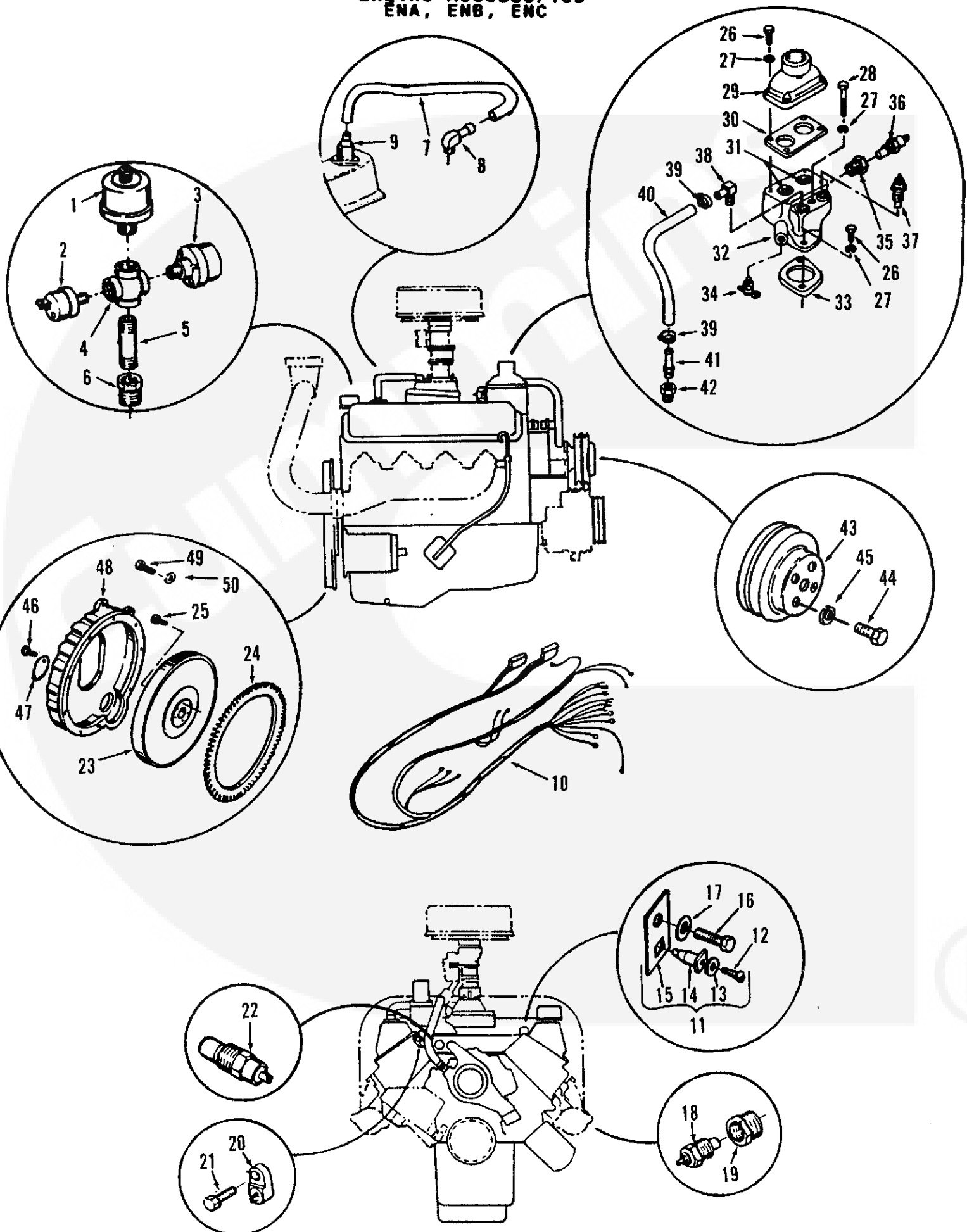
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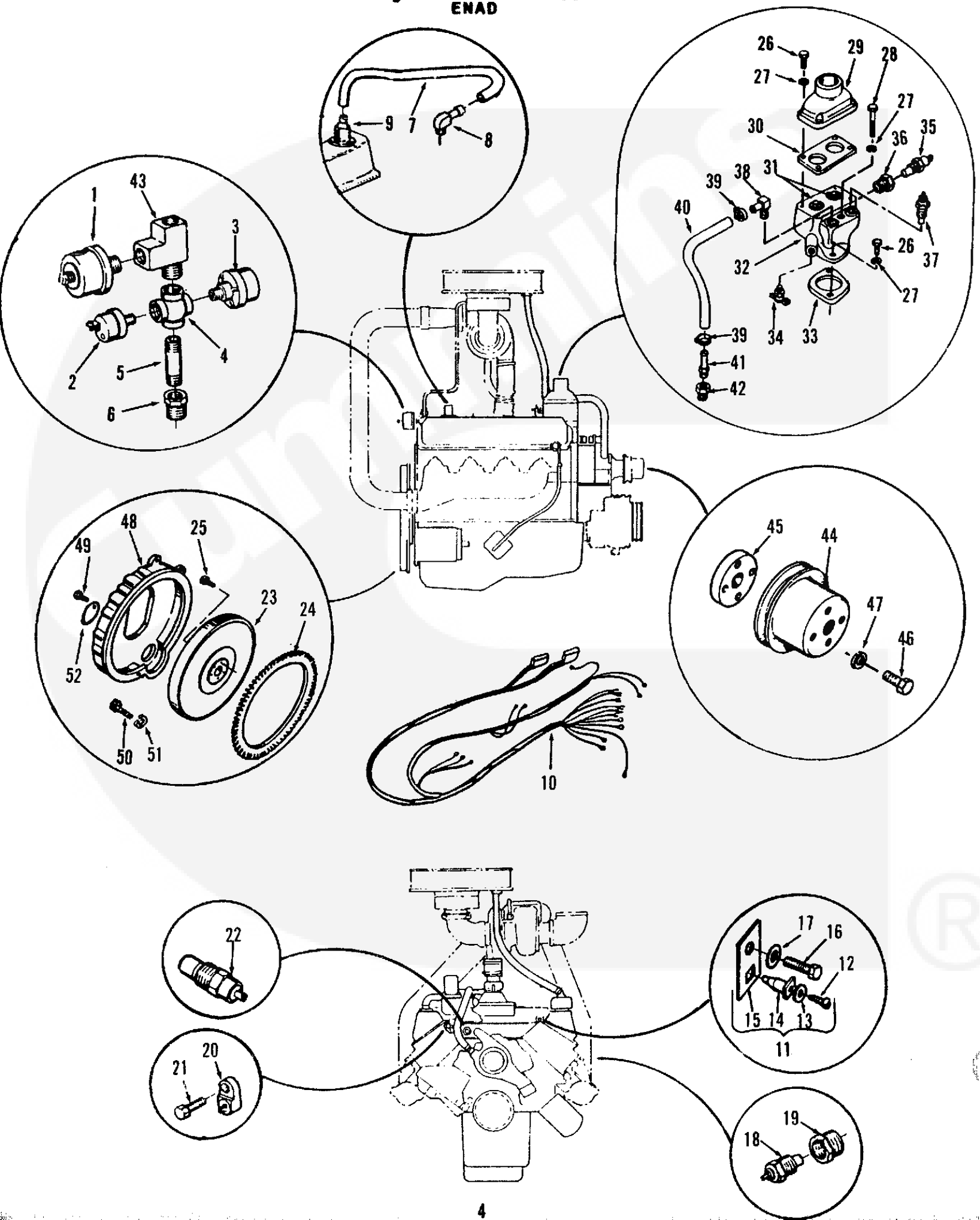
Engine Accessories ENA, ENB, ENC



Engine Accessories **ENA, ENB, ENC**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0244	1	Sender, Pressure - Oil	27	850-0045	7	Washer, Lock (5/16)
2	309-0544	1	Switch, Pressure - Low Oil	28	800-0039	1	Screw, Cap - Hex Head (5/16-18 x 3.5")
3	309-0545	1	Switch, Pressure - Low Oil (Pre-Alarm)	29	309-0477	1	Cover, Housing - Thermostat
4	505-0763	1	Cross, Pipe (1/8 NPT)	30	309-0479	1	Gasket
5	505-0104	1	Nipple, Pipe (1/8 x 1.5)	31	309-0476	2	Thermostat (175°)
6	505-0007	1	Bushing, Reducer (1/4 x 1/8)	32	309-0478	1	Base, Housing - Thermostat
7	123-1905	1	Hose, Vent - Crankcase	33	130-0995	1	Gasket
8	502-0237	1	Elbow, Brass (1/2 x 3/8)	34	504-0005	1	Valve, Cock
9	123-1904	1	Valve, PCV	35	505-0131	1	Bushing, Reducer (3/4 x 3/8)
10	338-2787	1	Harness, Wiring - Engine	36	309-0178	1	Switch, Thermostatic - High Engine Coolant Temperature (S7)
11	332-1292	1	Board, Terminal (Includes Parts Marked *)	37	309-0179	1	Switch, Thermostatic - High Engine Coolant Temperature (Pre Heat)(S5)
12	809-0036	1	*Screw, Thread Cutting - Round Head (#8 x 7/8")	38	502-0942	1	Elbow, Hose - 90°
13	508-0015	1	*Washer, Insulating - Fiber (#8)	39	503-0547	2	Clamp, Hose
14	870-0196	1	*Nut, Insulating (#8)	40	503-0386	1	Hose, (5/8 ID x 12")
15	332-1281	1	*Plate, Mounting - Terminal	41	502-0943	1	Connector, Hose
16	800-0048	1	Screw, Cap - Hex Head (3/8-16 x 3/4")	42	505-0019	1	Bushing, Reducer (1/2 x 3/8)
17	853-0018	1	Washer, Lock - EIT (3/8")	43	132-0168	1	Pulley, Pump - Water
18	193-0249	1	Sender, Temperature - Oil (E5)	44	801-0027	4	Screw, Cap - Hex Head (5/16-24 x .88)
19	505-0007	1	Bushing, Reducer (1/4 x 1/8)	45	850-0045	4	Washer, Lock (5/16)
20	309-0269	1	Switch, Thermostatic - Low Engine Temperature (S5)	46	812-0075	4	Screw, Round Head (#8-32 x 1/4")
21	800-0048	1	Screw, Cap - Hex Head (3/8-16 x 3/4")	47	191-0773	1	Cover, Hole - Starter
22	193-0247	1	Sender, Temperature - Engine Coolant	48	231-0260	1	Adaptor, Generator
23	104-1097	1	Flywheel (Includes Ring Gear)	49	800-0072	9	Screw, Hex Head (7/16-14 x 1-1/4")
24	104-0723	1	Gear, Ring	50	850-0055	9	Washer, Lock (7/16")
25	104-1771	6	Bolt, Locking (7/16-20 x 1.06")				
26	800-0029	6	Screw, Cap - Hex Head (5/16-18 x 1.12")				

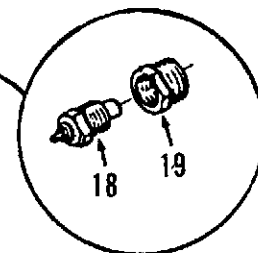
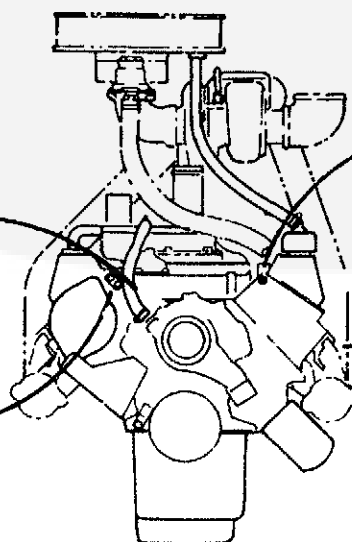
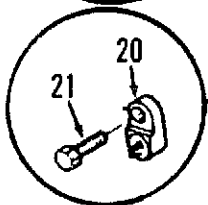
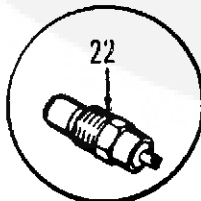
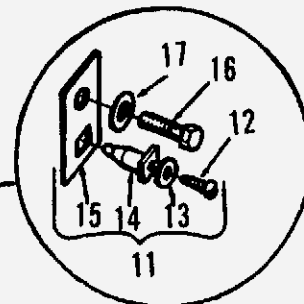
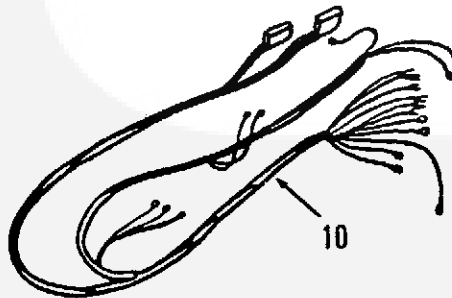
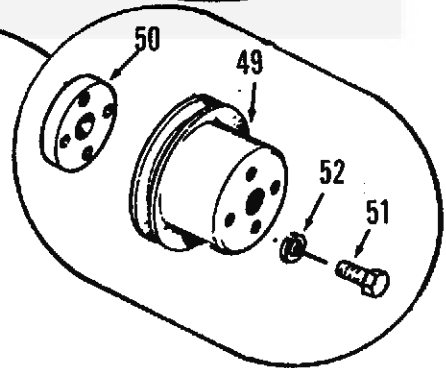
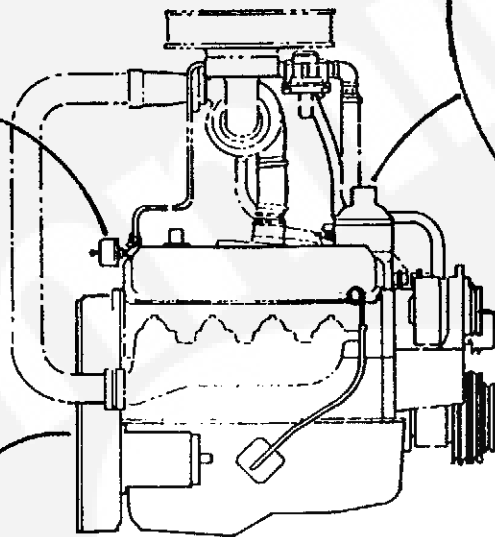
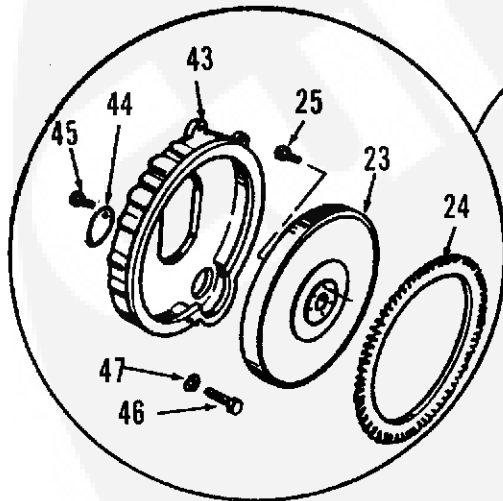
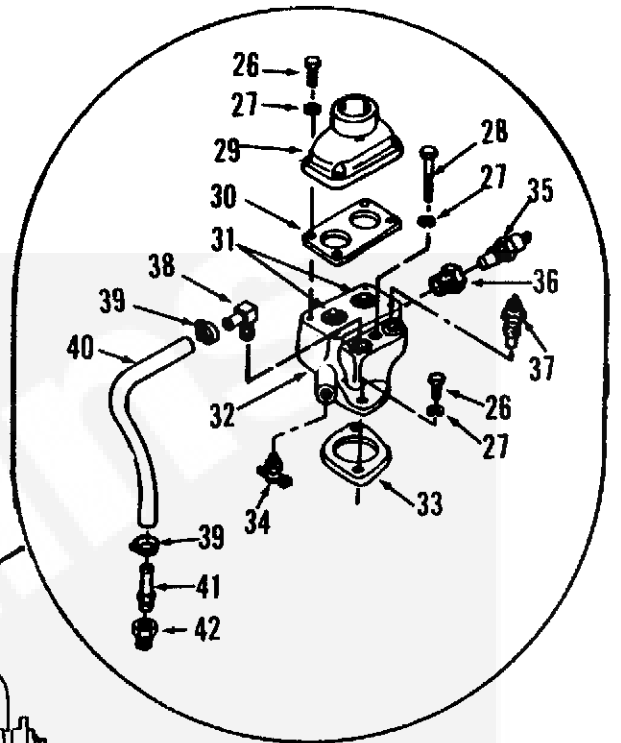
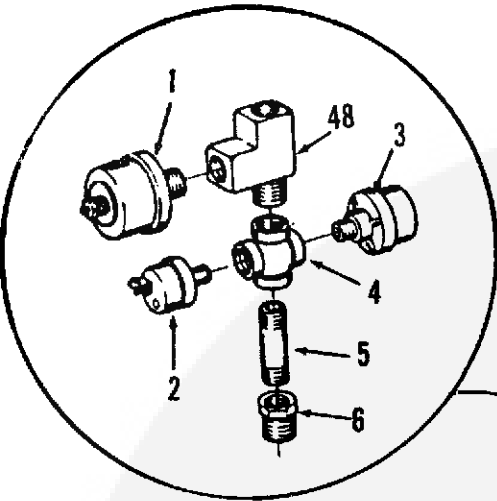
Engine Accessories ENAD



Engine Accessories ENAD

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0244	1	Sender, Pressure - Oil	26	800-0029	6	Screw, Cap - Hex Head (5/16-18 x 1.12")
2	309-0544	1	Switch, Pressure - Low Oil	27	850-0045	7	Washer, Lock (5/16)
3	309-0545	1	Switch, Pressure - Low Oil (Pre-Alarm)	28	800-0039	1	Screw, Cap - Hex Head (5/16-18 x 3.5")
4	505-0763	1	Cross, Pipe (1/8 NPT)	29	309-0477	1	Cover, Housing - Thermostat
5	505-0104	1	Nipple, Pipe (1/8 x 1.5)	30	309-0479	1	Gasket
6	505-0007	1	Bushing, Reducer (1/4 x 1/8)	31	309-0476	2	Thermostat (175°)
7	123-1905	1	Hose, Vent - Crankcase	32	309-0478	1	Base, Housing - Thermostat
8	502-0237	1	Elbow, Brass (1/2 x 3/8)	33	130-0995	1	Gasket
9	123-1904	1	Valve, PCV	34	504-0005	1	Valve, Cock
10	338-2787	1	Harness, Wiring - Engine	35	505-0131	1	Bushing, Reducer (3/4 x 3/8)
11	332-1292	1	Board, Terminal (Includes Parts Marked *)	36	309-0178	1	Switch, Thermostatic - High Engine Coolant Temp (S7)
12	809-0036	1	*Screw, Thread Cutting - Round Head (#8 x 7/8")	37	309-0179	1	Switch, Thermostatic - High Engine Coolant Temperature (Pre Heat) (S5)
13	508-0015	1	*Washer, Insulating - Fiber (#8)	38	502-0942	1	Elbow, Hose - 90°
14	870-0196	1	*Nut, Insulating (#8)	39	503-0347	2	Clamp, Hose
15	332-1281	1	*Plate, Mounting - Terminal	40	503-0386	1	Hose, (5/8 ID x 12")
16	800-0048	1	Screw, Cap - Hex Head (3/8-16 x 3/4")	41	502-0943	1	Connector, Hose
17	853-0018	1	Washer, Lock - EIT (3/8")	42	505-0019	1	Bushing, Reducer (1/2 x 3/8)
18	193-0249	1	Sender, Temperature - Oil (E5)	43	502-0058	1	Tee, Pipe - Street (1/8 NPT)
19	505-0007	1	Bushing - Reducer (1/4 x 1/8)	44	132-0261	1	Pulley, Pump - Water
20	309-0269	1	Switch, Thermostatic - Low Engine Temperature (S5)	45	131-0353	1	Spacer, Pulley - Water Pump
21	800-0048	1	Screw, Cap - Hex Head (3/8-16 x 3/4")	46	801-0027	4	Screw, Cap - Hex Head (5/16-24 x .88)
22	193-0247	1	Sender, Temperature - Engine Coolant	47	850-0045	4	Washer, Lock (5/16")
23	104-1097	1	Flywheel (Includes Ring Gear)	48	231-0260	1	Adaptor, Generator
24	104-0723	1	Gear, Ring	49	812-0075	1	Screw, RHM (#8-32 x 1.25)
25	104-1771	6	Bolt, Locking (7/16-20 x 1.06")	50	800-0072	9	Screw, Hex Head (7/16-14 x 1-1/4")
				51	850-0055	9	Washer, Lock (7/16")
				52	191-0773	1	Cover, Hole - Starter

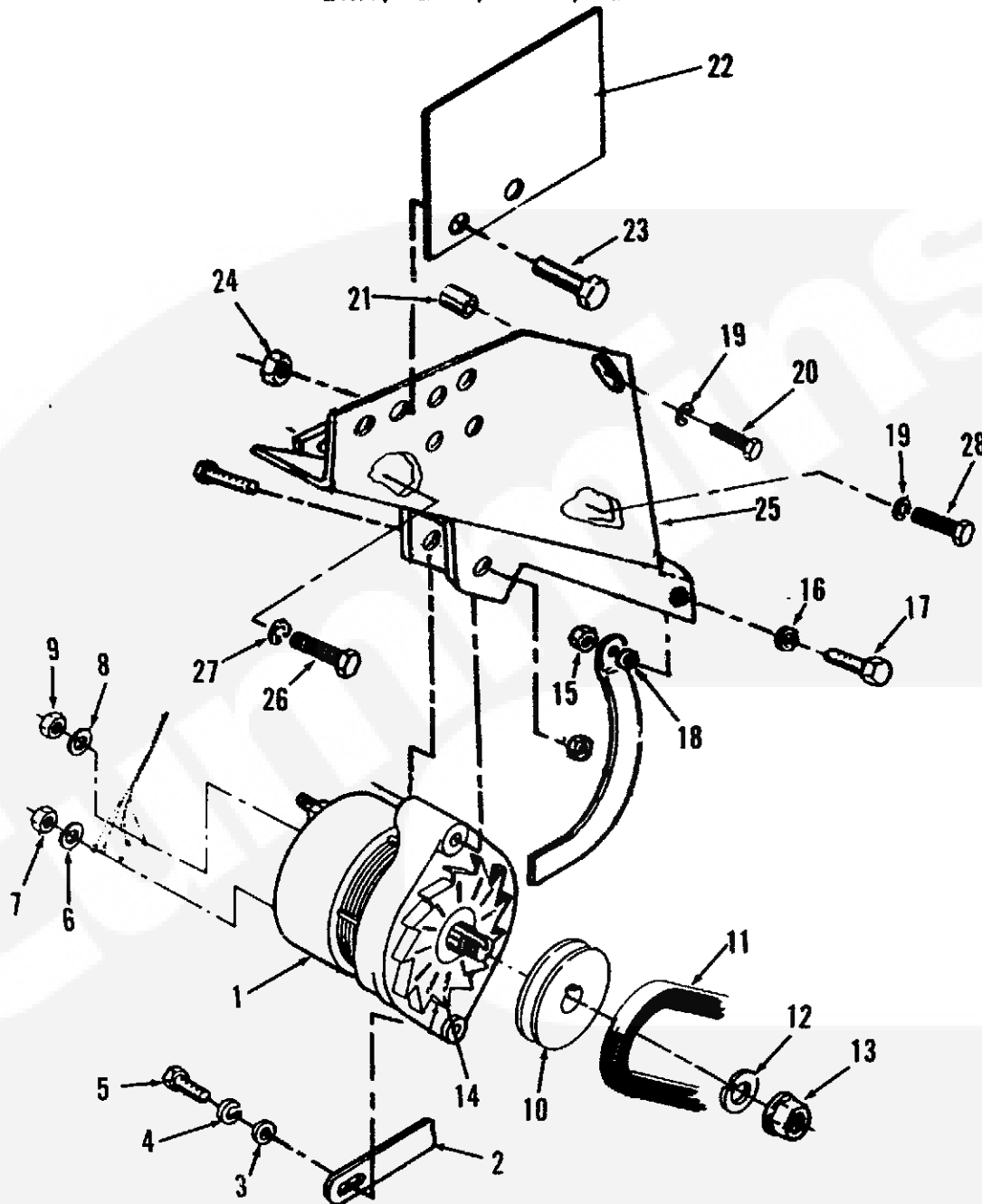
Engine Accessories ENBA



Engine Accessories **ENBA**

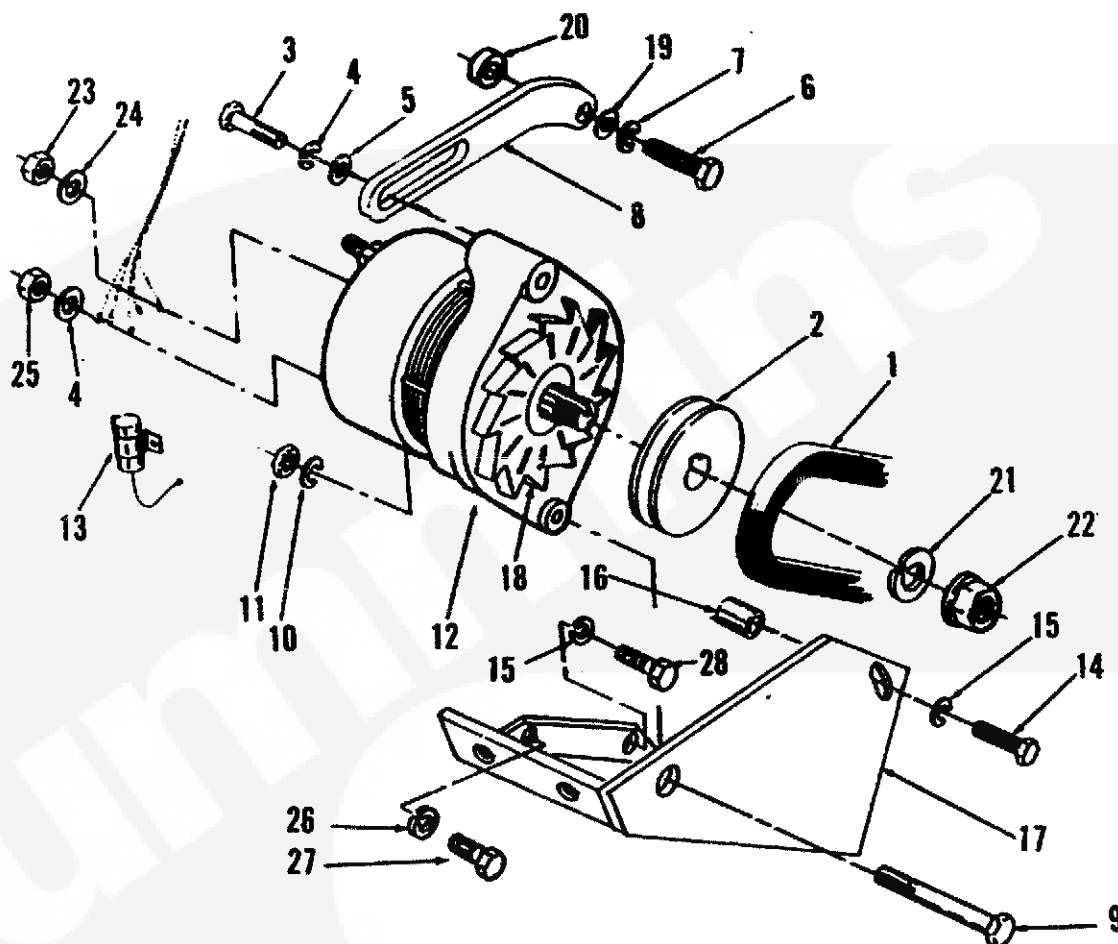
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0244	1	Sender, Pressure - Oil	28	800-0039	1	Screw, Cap - Hex Head (5/16-18 x 3.5")
2	309-0544	1	Switch, Pressure - Low Oil	29	309-0477	1	Cover, Housing - Thermostat
3	309-0545	1	Switch, Pressure - Low Oil (Pre-Alarm)	30	309-0479	1	Gasket
4	505-0763	1	Cross, Pipe (1/8 NPT)	31	309-0476	2	Thermostat (175°)
5	505-0104	1	Nipple, Pipe (1/8 x 1.5)	32	309-0478	1	Base, Housing - Thermostat
6	505-0007	1	Bushing, Reducer (1/4 x 1/8)	33	130-0995	1	Gasket
10	338-2786	1	Harness, Wiring - Engine	34	504-0005	1	Valve, Cock
11	332-1292	1	Board, Terminal (Includes Parts Marked *)	35	505-0131	1	Bushing, Reducer (3/4 x 3/8)
12	809-0036	1	*Screw, Thread Cutting - Round Head (#8 x 7/8")	36	309-0178	1	Switch, Thermostatic - High Engine Coolant Temperature (S7)
13	508-0015	1	*Washer, Insulating - Fiber (#8)	37	309-0179	1	Switch, Thermostatic - High Engine Coolant Temperature (Pre Heat) (S5)
14	870-0196	1	*Nut, Insulating (#8)	38	502-0942	1	Elbow, Hose - 90°
15	332-1281	1	*Plate, Mounting - Terminal	39	503-0547	2	Clamp, Hose
16	800-0048	1	Screw, Cap - Hex Head (3/8-16 x 3/4")	40	503-0386	1	Hose, (5/8 ID x 12")
17	853-0018	1	Washer, Lock - EIT (3/8")	41	502-0943	1	Connector, Hose
18	193-0249	1	Sender, Temp - Oil (E5)	42	505-0019	1	Bushing, Reducer (1/2 x 3/8)
19	505-0007	1	Bushing - Reducer (1/4 x 1/8)	43	231-0260	1	Adapter, Generator
20	309-0269	1	Switch, Thermostatic - Low Engine Temperature (S5)	44	191-0773	1	Cover, Hole - Starter
21	800-0048	1	Screw, Cap - Hex Head (3/8-16 x 3/4")	45	812-0075	1	Screw, Round Head (#8-32 x 1/4")
22	193-0247	1	Sender, Temperature - Engine Coolant	46	800-0072	6	Screw, Hex Head (7/16-14 x 1-1/4")
23	104-1097	1	Flywheel (Includes Ring Gear)	47	800-0055	6	Washer, Lock (7/16")
24	104-0723	1	Gear, Ring	48	502-0058	1	Tee, Brass (1/8")
25	104-1771	6	Bolt, Locking (7/16-20 x 1.06")	49	132-0261	1	Pulley, Pump - Water
26	800-0029	6	Screw, Cap - Hex Head (5/16-18 x 1.12")	50	131-0353	1	Spacer, Pulley - Water Pump
27	850-0045	7	Washer, Lock (5/16)	51	801-0027	4	Screw, Cap - Hex Head (5/16-24 x .88")
				52	850-0045	4	Washer, Lock (5/16")

Alternator ENA, ENB, ENC, ENAD



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1983-01	1	Alternator	17	800-0029	1	Screw, Cap - Hex Head (5/16-18 x 1.12")
2	191-1203	1	Bracket, Adjusting - Alternator	18	191-0864	1	Spacer
3	526-2106	1	Washer, Flat (M8)	19	850-0050	2	Washer, Lock (3/8)
4	800-2008	1	Washer, Lock (M8)	20	800-0052	1	Screw, Cap - Hex Head (3/8-16 x 1.5")
5	800-2058	1	Screw, Hex Head (M8 x 1.25 x 25mm)	21	130-0988	1	Spacer
6	850-2005	2	Washer, Lock (M5)	22	130-3315	1	Guard, Belt
7	860-2006	2	Nut, Hex (M5)	23	821-0029	2	Screw, Self Locking - Hex Head (3/8-16 x .75")
8	850-2008	1	Washer, Lock (M8)	24	870-0281	2	Nut, Lock (3/8-16)
9	860-2008	1	Nut, Hex (M8)	25	191-2026	1	Bracket, Mounting
10	191-1982	1	Pulley, Alternator	26	800-0069	1	Screw, Cap - Hex head (7/16-14 x .75)
11	511-0084	1	Belt, Drive	27	850-0055	1	Washer, Lock (7/16")
12	851-0039	1	Washer, Spring (M16)	28	800-0048	1	Screw, Cap - Hex Head (3/8-16 x .75")
13	870-2161	1	Nut, Hex (M16 x 1.5)				
14	191-1981	1	Fan, Alternator				
15	862-0015	1	Nut, Hex (5/16-18)				
16	850-0045	1	Washer, Lock (5/16)				

Alternator ENBA

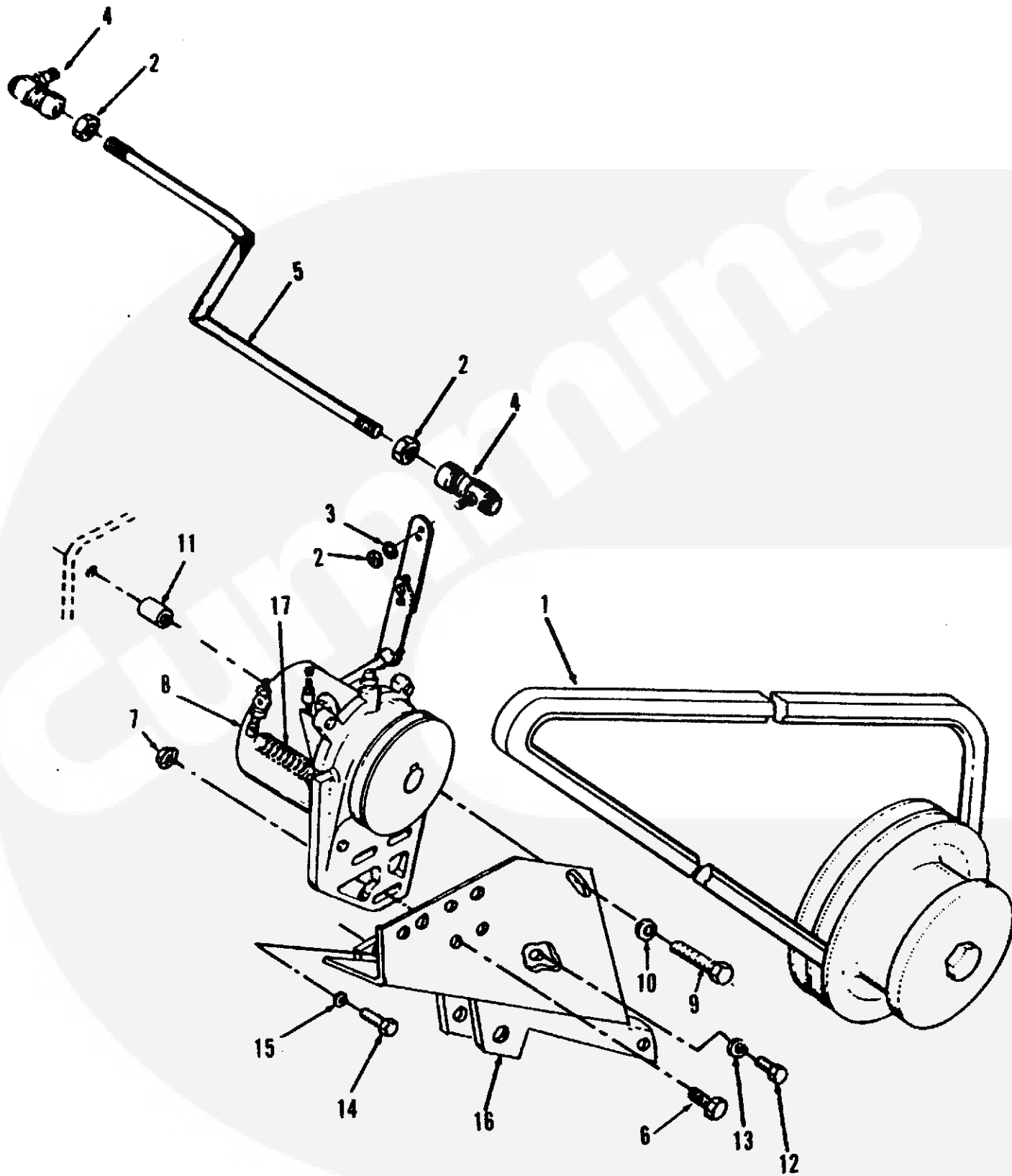


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	511-0092	1	Belt, Drive	15	850-0050	3	Washer, Lock - Spring (3/8")
2	191-2032	1	Pulley, Alternator	16	191-2028	1	Spacer, Mounting - Alternator
3	800-2058	1	Screw, Cap - Hex Head (M8 x 1-1/4 x 25mm)	17	191-2031	1	Bracket, Mounting
4	850-2008	2	Washer, Lock - Spring (M8)	18	191-1981	1	Fan, Alternator
5	526-2106	1	Washer, Flat (M8)	19	526-0029	1	Washer, Flat (3/8")
6	800-0054	1	Screw, Cap - Hex Head (3/8-16 x 2")	20	370-4038	2	Spacer, Arm - Adjusting
7	850-0050	1	Washer, Lock - Spring (3/8")	21	851-0039	1	Washer, Lock - Spring (M16)
8	191-0101	1	Arm, Adjusting - Alternator	22	870-2161	1	Nut, Hex Washer Head - Self-Locking (M16)
9	800-2097	1	Screw, Cap - Hex Head (M10 x 1-1/2 x 80mm)	23	850-2006	2	Nut, Hex (M5)
10	850-0060	1	Washer, Lock - Spring (1/2")	24	850-2005	2	Washer, Lock - Spring (M5)
11	870-2056	1	Nut, Hex Washer Head - Self-Locking (M10 x 1-1/2")	25	860-2008	1	Nut, Hex (M8)
12	191-1983-01	1	Alternator	26	850-0055	1	Washer, Lock (7/16")
13	312-0201	1	Capacitor	27	800-0069	1	Screw, Cap - Hex Head (7/16-14 x 3/4")
14	800-0058	1	Screw, Cap - Hex Head (3/8-16 x 3")	28	800-0048	1	Screw, Cap - Hex Head (3/8-16 x 3/4")

* - Used to attach the wiring harness to the alternator D+ terminal and to attach the ground wire to one of the four alternator housing studs

* - Used to attach the wiring harness lead to the B+ terminal of the alternator

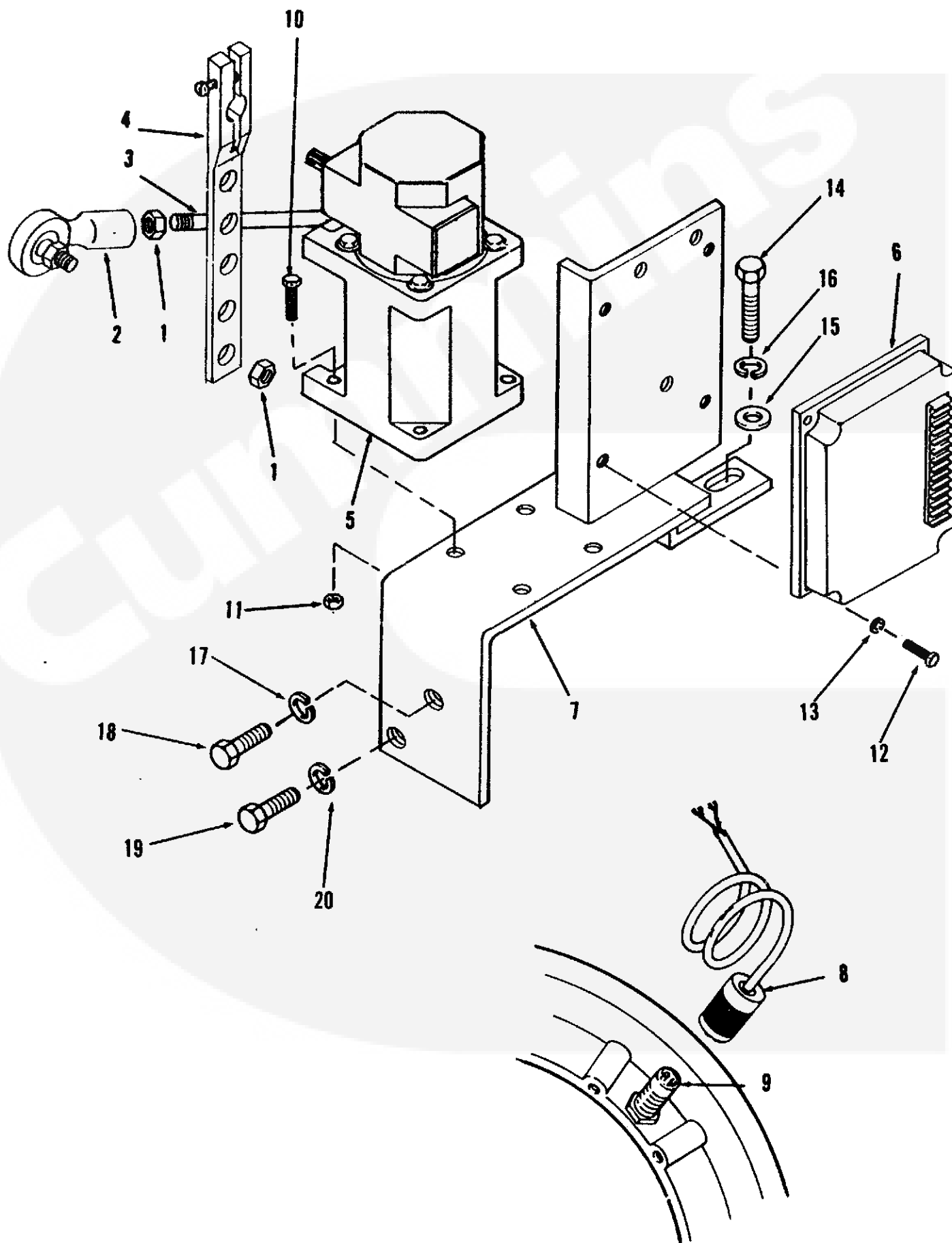
Mechanical Governor



Mechanical Governor

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	511-0084	1	Belt, Drive - V	9	800-0052	1	Screw, Cap - Hex Head (3/8-16 x 1-1/2")
2	115-0025	4	Nut, Hex (1/4-28)	10	850-0050	1	Washer, Lock - Spring (3/8")
3	850-0040	2	Washer, Lock - Spring (1/4")	11	130-0988	1	Spacer, Sleeve
4	150-C638	2	Joint, Ball	12	800-0048	1	Screw, Cap - Hex Head (3/8-16 x 3/4")
5	152-0243	1	Rod, Throttle	13	850-0050	1	Washer, Lock - Spring (3/8")
6	821-0030	3	Screw, Hex Washer Head - Self-Locking (3/8-16 x 1")	14	800-0069	1	Screw, Cap - Hex Head (7/16-14 x 3/4")
7	870-0281	3	Nut, Hex Washer Head - Self-Locking (3/8-16)	15	850-0055	1	Washer, Lock - Spring (7/16")
8			Governor	16	191-2025	1	Bracket, Mounting
	151-0627	1	ENA, ENB, ENC	17	151-0594	1	Spring, Governor - 50 Hz Only
	151-0584	1	ENAD				

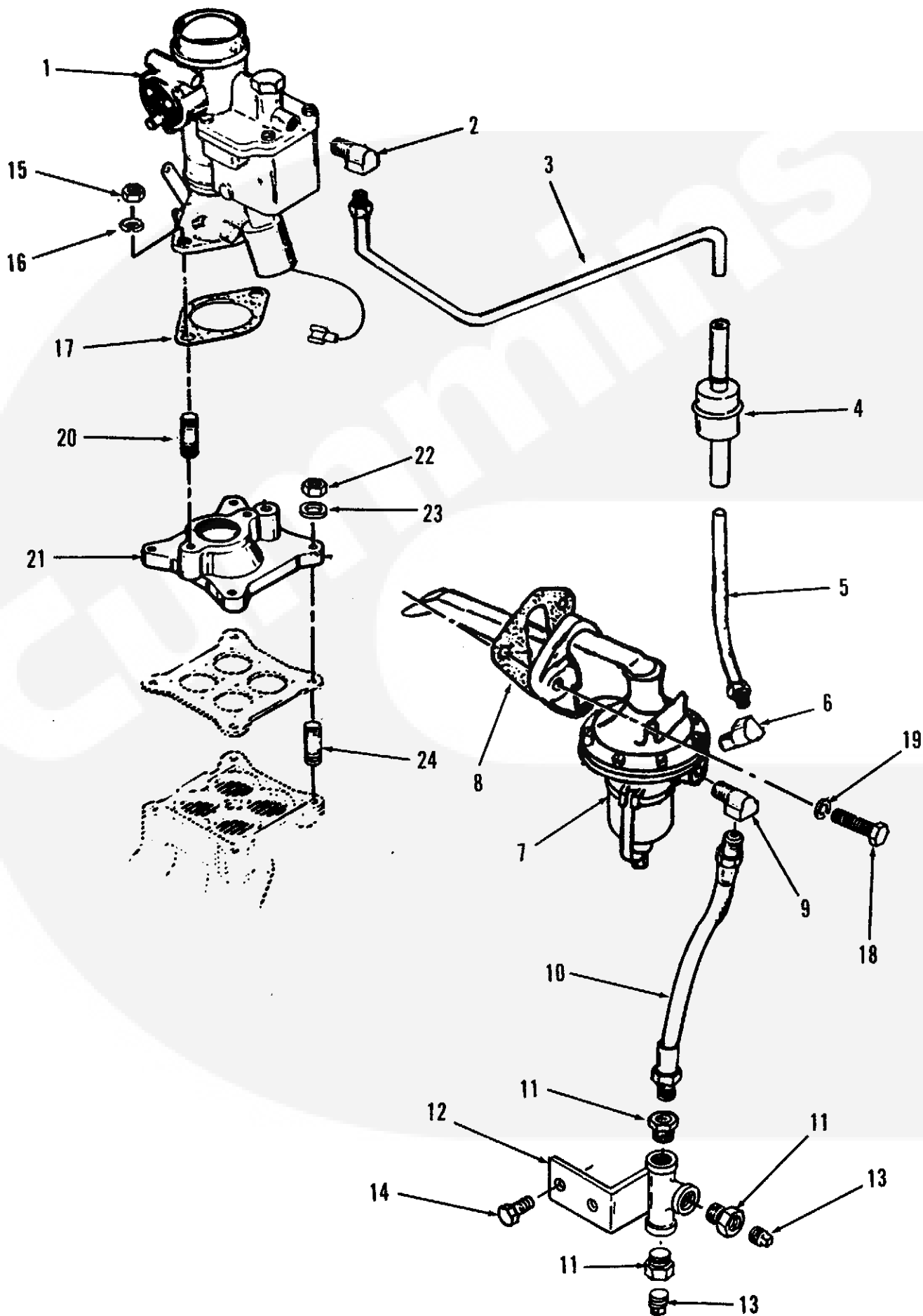
Electronic Governor



Electronic Governor

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	115-0025	4	Nut, Hex (1/4-28)	12	813-0098	4	Screw, Machine -- Round Head (#10-32 x 3/8")
2	150-1995	2	Joint, Ball	13	850-0030	4	Washer, Lock -- Spring (#10)
3	520-0967	1	Stud	14	800-0054	1	Screw, Cap -- Hex Head (3/8-16 x 2")
4	150-2145	1	Lever	15	526-0030	1	Washer, Flat
5	151-0625	1	Actuator	16	850-0050	1	Washer, Lock -- Spring (3/8")
6	151-0624	1	Controlier	17	850-0055	1	Washer, Lock -- Spring (7/16")
7	150-2163	1	Bracket, Mounting	18	800-0072	1	Screw, Cap -- Hex Head (7/16-14 x 1-1/4")
8	338-2791	1	Harness, Wiring -- Governor	19	800-0091	1	Screw, Cap -- Hex Head (1/2-13 x 1-1/4")
9	151-0433	1	Pick-Up, Magnetic	20	850-0060	1	Washer, Lock -- Spring (1/2")
10	800-0008	4	Screw, Cap -- Hex Head (1/4-20 x 1.25")				
11	870-0212	4	Nut, Hex Washer Head -- Self Locking (1/4-20)				

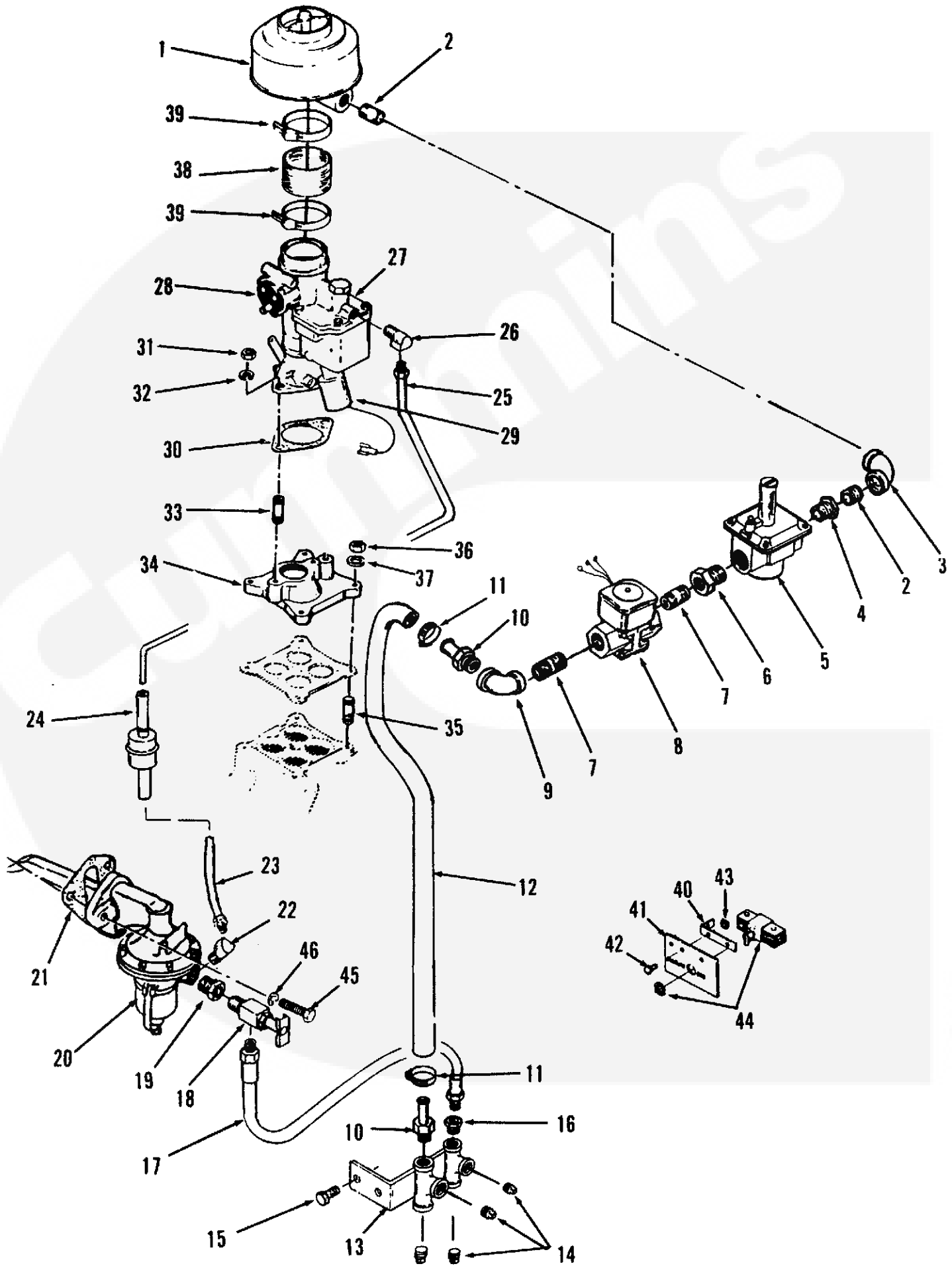
Fuel System
Gasoline
ENA, ENB, ENC



**Fuel System
Gasoline
ENA, ENB, ENC**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	141-0841	1	Carburetor	12	148-0966	1	Bracket, Fuel Remote
2	502-0042	1	Elbow, Male - Inverted (1/8 NPT x 1/2-20)	13	505-0054	2	Plug, Square Head (1/4)
3	149-2297	1	Line, Fuel - Upper	14	821-0016	2	Screw, Self-Locking (5/16-18 x 3/4")
4	149-1774	1	Filter, Fuel - Includes Hoses and Clamps	15	104-0091	2	Nut, Hex (3/8-24)
5	149-2298	1	Line, Fuel - Lower	16	854-0020	2	Washer, Lock (3/8")
6	502-0004	1	Elbow, Male - Inverted (1/4 NPT x 1/2-20)	17	141-0852	1	Gasket, Carburetor
7	149-2296	1	Pump, Fuel	18	114-0022	2	Screw, Hex Head (5/16-18 x 1.75")
8	149-1436	1	Gasket, Pump - Fuel	19	850-0045	2	Washer, Lock (5/16")
9	502-0041	1	Elbow, Male - Inverted (1/4 NPT x 7/16-24)	20	520-0311	2	Stud (3/8-16 x 1 5/8")
10	501-0103	1	Line, Fuel - Flex (1/4 NPT x 7/16-24)	21	145-0482	1	Adapter, Carburetor
11	505-0020	3	Bushing, Reducer (3/4 x 1/4)	22	110-0445	4	Nut, Hex (5/16-24)
				23	526-0065	4	Washer, Flat (5/16)
				24	520-0972	4	Stud (5/16 x 3 1/4)

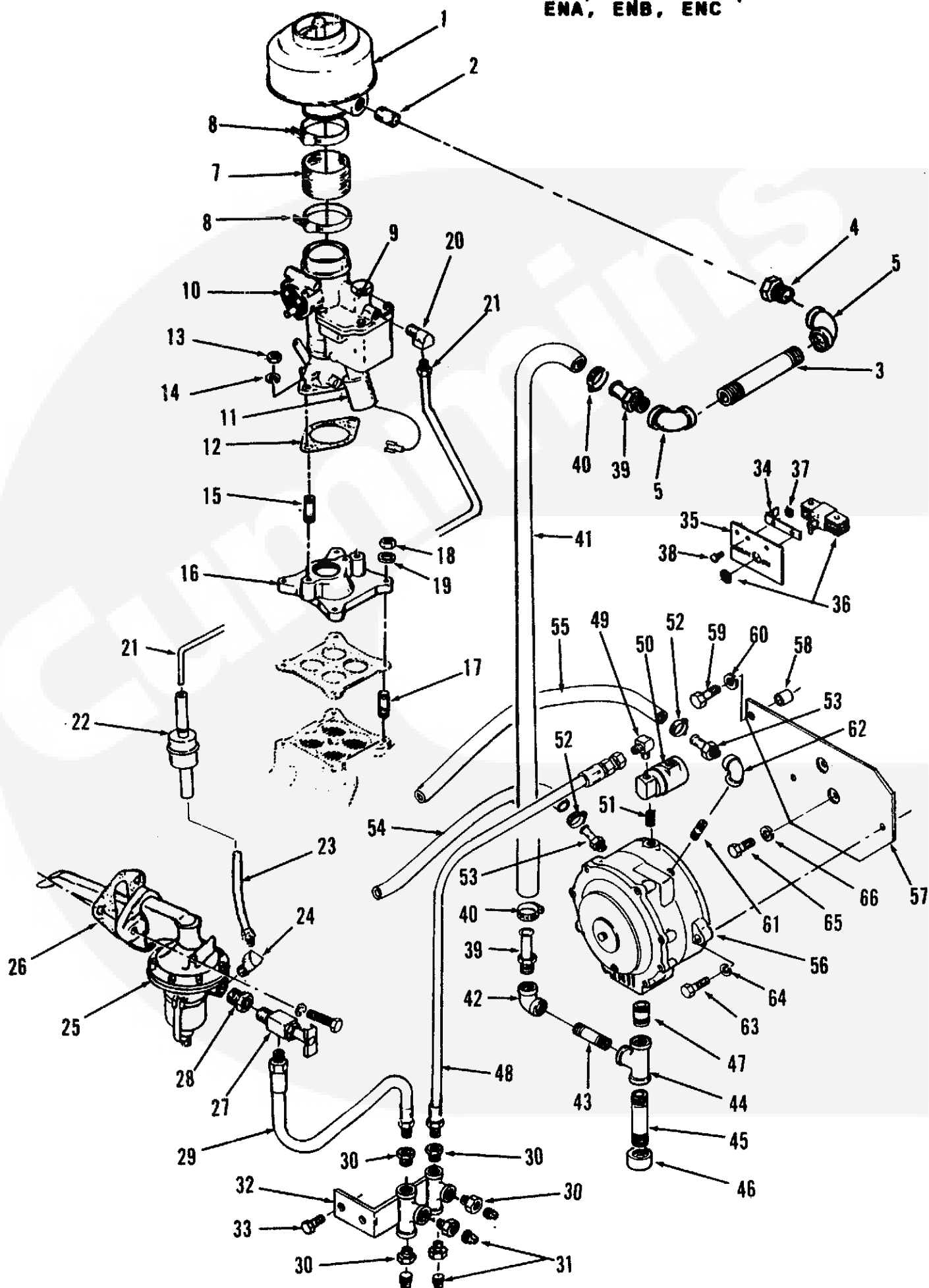
**Fuel System
Gasoline/Natural Gas
ENA, ENB, ENC**



**Fuel System
Gasoline/Natural Gas
ENA, ENB, ENC**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0764	1	Carburetor, Natural Gas	25	149-2297	1	Line, Fuel - Upper
2	505-0106	2	Nipple, Pipe (1/2 x 1-1/2)	26	502-0042	1	Elbow, Male - Inverted (1/8 NPT x 1/2-20)
3	505-0040	1	Elbow, Pipe (1/2 x 90°)	27	141-0841	1	Carburetor (Includes Parts Marked *)
4	505-0022	1	Bushing, Reducer (1" x 1/2")	28	141-0911	1	*Cover, Choke w/Heater 12VDC
5	148-0601	1	Regulator, Natural Gas (1" NPT)	29	141-0850	1	*Solenoid, Fuel Cutoff 12VDC
6	505-0129	1	Bushing, Reducer (1" x 3/4")	30	141-0852	1	*Gasket
7	505-0102	2	Nipple, Close (3/4 x 1-3/8)	31	104-0091	2	Nut, Hex (3/8-24)
8	307-0834	1	Valve, Solenoid (3/4 NPT)	32	854-0020	2	Washer, Lock (3/8")
9	505-0132	1	Elbow, Pipe (3/4 x 90°)	33	520-0311	2	Stud (3/8-24 x 1-5/8")
10	502-0971	2	Connector, Hose (1" ID Hose)	34	145-0482	1	Adapter, Carburetor
11	503-0396	2	Clamp, Hose	35	520-0972	4	Stud (5/16-24 x 3-1/4")
12	503-1103	1	Hose, LPG (1" x 52")	36	110-0445	4	Nut, Hex (5/16-24)
13	148-0967	1	Bracket, Fuel - Remote	37	526-0065	4	Washer, Flat (5/16")
14	505-0130	1	Plug, Square Head (3/4)	38	503-0542	1	Hose, Adaptor
15	821-0016	2	Screw, Self-Locking (5/16-18 x 3/4")	39	503-0399	2	Clamp, Hose - T-Bolt (2-3/4")
16	505-0020	1	Bushing, Reducer (3/4 x 1/4)	40	306-0155	1	Bracket, Mounting
17	501-0103	1	Line, Fuel - Flex (1/4 NPT x 7/16-24)	41	308-0150	1	Plate, Mounting - Switch
18	504-0007	1	Cock, Shut-Off (1/8 NPT x 7/16-24)	42	813-0098	2	Screw, Round Head (10-32 x 3/8")
19	505-0007	1	Bushing, Reducer (1/4 x 1/8)	43	870-0131	2	Nut, Lock - External Tooth (10-32)
20	149-2296	1	Pump, Fuel	44	308-0005	1	Switch, Toggle
21	149-1436	1	Gasket, Pump - Fuel	45	114-0022	2	Screw, Cap - Hex Head (5/16-18 x 1-3/4")
22	502-0004	1	Elbow, Male - Inverted (1/4 NPT x 1/2-20)	46	850-0045	2	Washer, Lock (5/16")
23	149-2298	1	Line, Fuel - Lower				
24	149-1774	1	Filter, Fuel (Includes Hoses and Clamps)				

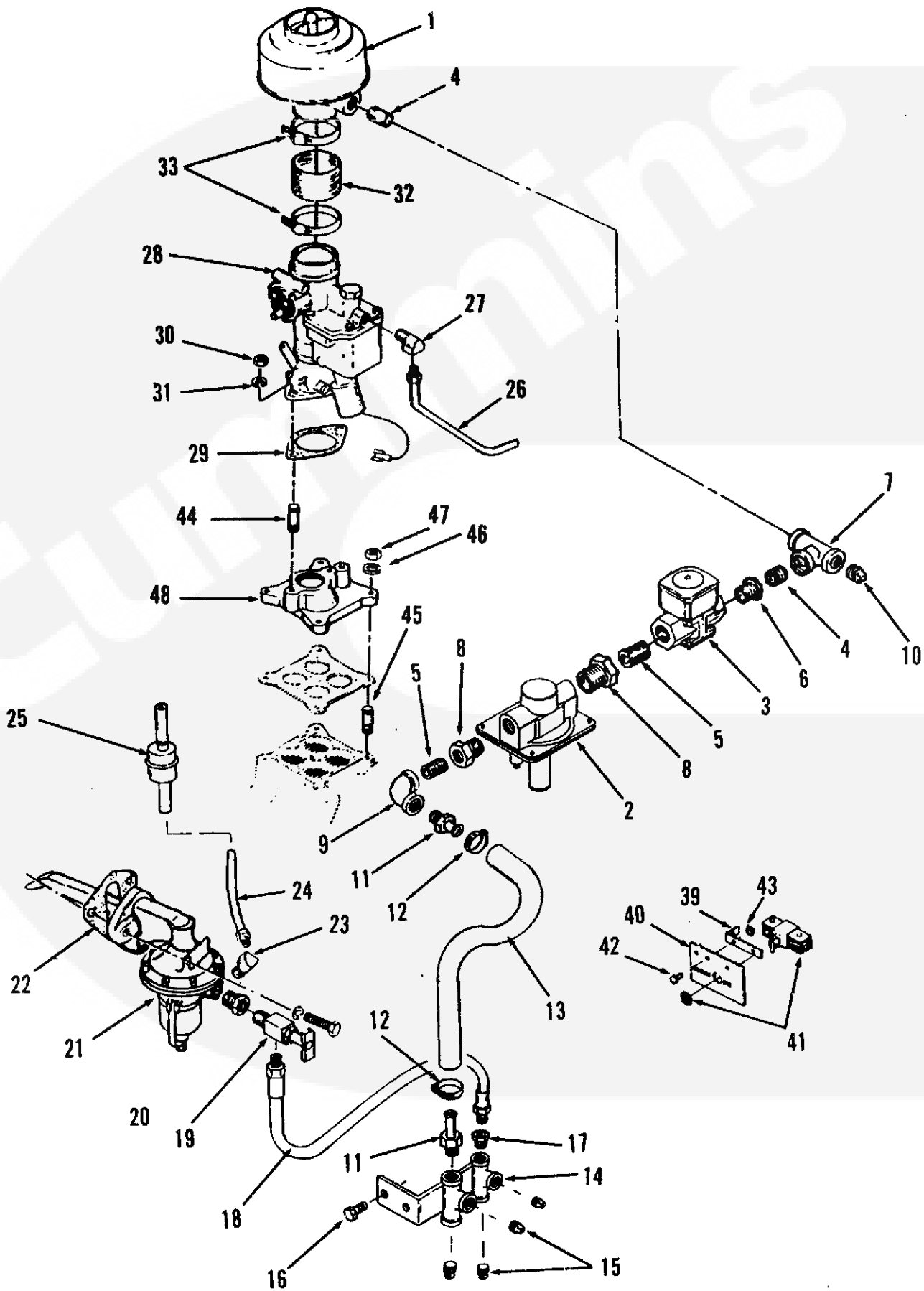
Fuel System
Gasoline/Liquid Propane
ENA, ENB, ENC



Fuel System
Gasoline/Liquid Propane
ENA, ENB, ENC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0764	1	Carburetor, Natural Gas	34	306-0155	1	Bracket, Mounting - Switch
2	505-0106	1	Nipple, Pipe (1/2 x 1-1/2)	35	308-0150	1	Plate, Mounting - Switch
3	505-0268	1	Nipple, Pipe (3/4 x 5-1/2)	36	308-0005	1	Switch, Toggle
4	505-0021	1	Bushing, Reducer (3/4 x 1/2)	37	870-0131	2	Nut, Hex - External Tooth (#10-32)
5	505-0132	2	Elbow, Pipe (3/4 x 90°)	38	813-0098	2	Screw, Round Head (10-32 x 3/8")
6	141-0852	1	Gasket, Carburetor - Natural Gas	39	502-0971	2	Connector, Hose (1" ID Hose)
7	503-0542	1	Hose, Adapter (2.25 x 1.25)	40	503-0398	2	Clamp, Hose
8	503-0999	2	Clamp, Hose - T-Bolt (2.75")	41	503-1103	1	Hose, LPG (1" ID x 34")
9	141-0841	1	Carburetor, Gasoline (Includes Parts Marked *)	42	505-0132	1	Elbow, Pipe (3/4 x 90°)
10	141-0911	1	*Cover, Choke w/Heater 12VDC	43	505-0084	1	Nipple, Pipe (3/4 x 2-1/2)
11	141-0850	1	*Solenoid, Fuel Cutoff 12VDC	44	505-0661	1	Tee, Reducing (1" x 1" x 3/4")
12	141-0852	1	*Gasket, Carburetor	45	505-0331	1	Nipple, Pipe (1" x 4")
13	104-0091	2	Nut, Hex (3/8-24)	46	505-0479	1	Cap, Pipe (1")
14	854-0020	2	Washer, Lock - Internal Tooth (3/8")	47	505-0004	1	Nipple, Close (1" x 1-1/2")
15	520-0311	2	Stud (3/8-24 x 1-5/8")	48	501-0608	1	Hose, Fuel - LPG (3/8 ID x 28")
16	145-0482	1	Adapter, Carburetor	49	505-1463	1	Elbow, Male - 90° (1/4 NPT x 9/16-18)
17	520-0972	4	Stud (5/16-24 x 3-1/4")	50	307-0268	1	Valve, Solenoid
18	526-0065	4	Washer, Flat (5/16")	51	505-0099	1	Nipple, Pipe (1/4 x .88)
19	110-0445	4	Nut, Hex (5/16-24)	52	503-0547	2	Clamp, Hose
20	502-0042	1	Elbow, Male - Inverted (1/8 NPT x 1/2-20)	53	502-0943	2	Connector, Hose (5/8 ID Hose)
21	149-2297	1	Line, Fuel - Upper	54	503-0386	1	Hose (5/8 ID x 20)
22	149-1774	1	Filter, Fuel (Includes Hoses & Clamps)	55	503-0386	1	Hose (5/8 ID x 30)
23	149-2298	1	Line, Fuel - Lower	56	148-0625	1	Converter, Gas
24	502-0004	1	Elbow, Male - Inverted (1/4 NPT x 1/2-20)	57	148-0773	1	Bracket, Converter
25	149-2296	1	Pump, Fuel	58	148-0776	1	Spacer
26	149-1436	1	Gasket, Pump - Fuel	59	800-0051	1	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
27	504-0007	1	Cock, Shut-Off (1/8 NPT x 7/16-24)	60	850-0050	1	Washer, Lock (3/8")
28	505-0007	1	Bushing, Reducer (1/4 x 1/8)	61	505-0101	1	Nipple, Close (3/8 x 1)
29	501-0103	1	Line, Fuel - Flex (1/4 NPT x 7/16-24)	62	505-0039	1	Elbow, Pipe (3/8 x 90°)
30	505-0020	6	Bushing, Reducer (3/4 x 1/4)	63	800-0049	2	Screw, Cap - Hex Head (1/4-20 x 3/4")
31	505-0054	4	Plug, Square Head (1/4")	64	850-0040	2	Washer, Lock (1/4")
32	148-0967	1	Bracket, Fuel - Remote	65	800-0069	2	Screw, Cap - Hex Head (7/16-14 x 3/4")
33	821-0016	2	Screw, Self-Locking (5/16-18 x .75")	66	850-0055	2	Washer, Lock (7/16")

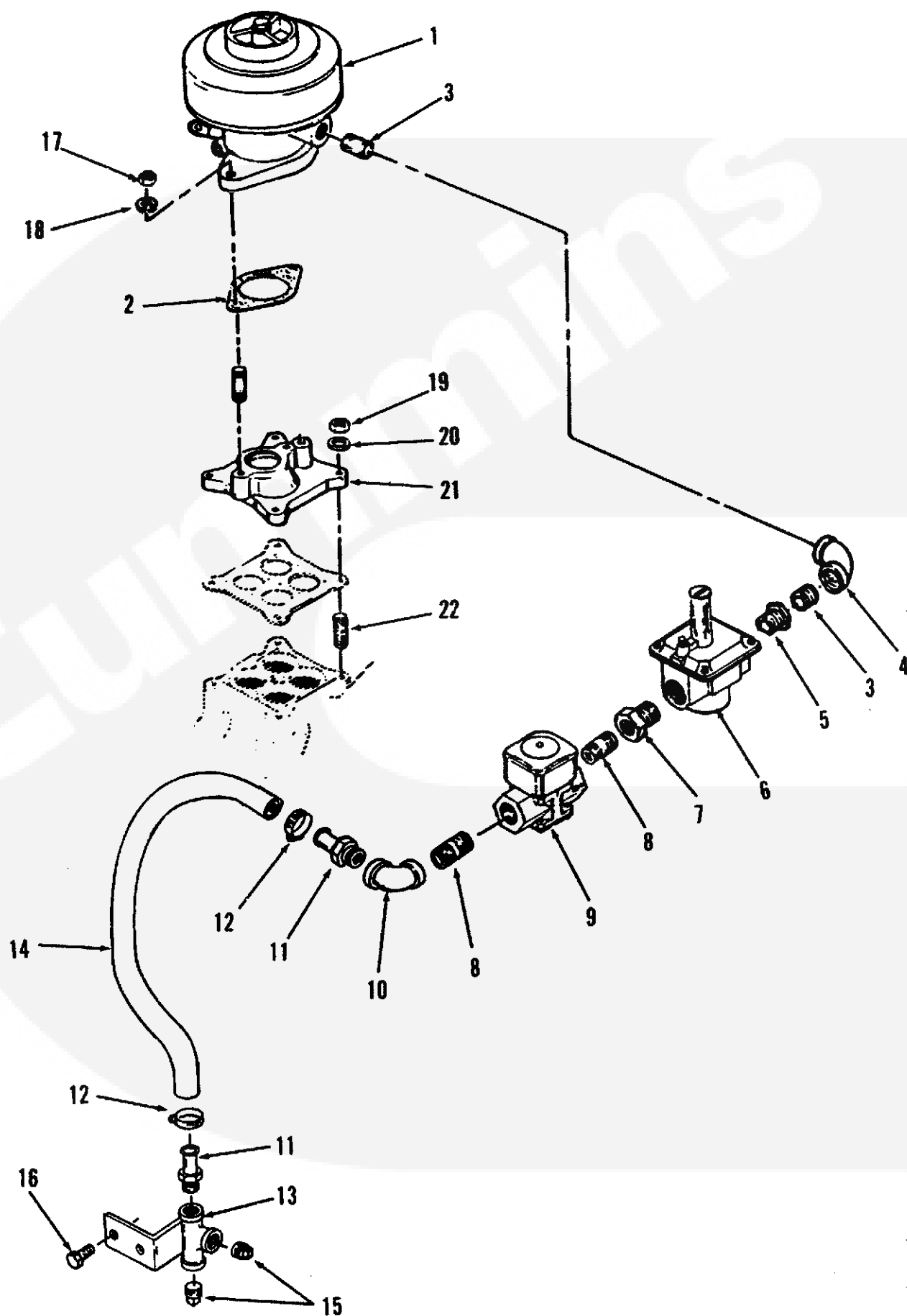
**Fuel System
Gasoline/Propane Vapor
ENA, ENB, ENC**



**Fuel System
Gasoline/Propane Vapor
ENA, ENB, ENC**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0764	1	Carburetor, Natural Gas	24	149-2298	1	Line, Fuel - Lower
2	148-0636	1	Regulator, LPG (1"NPT)	25	149-1774	1	Filter, Fuel w/Hoses & Clamps
3	307-0834	1	Valve, Solenoid (3/4"NPT)	26	149-2297	1	Line, Fuel - Upper
4	505-0106	2	Nipple, Pipe (1/2 x 1-1/2)	27	502-0042	1	Elbow, Male - Inverted (1/8 NPT x 1/2-20)
5	505-0102	2	Nipple, Close (3/4 x 1-3/8)	28	141-0841	1	Carburetor
6	505-0021	1	Bushing, Reducer (3/4 x 1/2)	29	141-0852	1	Gasket, Carburetor
7	505-0108	1	Tee, Pipe (1/2")	30	104-0091	2	Nut, Hex (3/8-24)
8	505-0129	2	Bushing, Reducer (1" x 3/4")	31	854-0020	2	Washer, Lock (3/8")
9	505-0132	1	Elbow, Pipe (3/4 x 90°)	32	503-0542	1	Adapter, Hose (2-1/4 x 1-1/4)
10	505-0056	1	Plug, Pipe (1/2")	33	503-0999	2	Clamp, Hose - T-Bolt (2-3/4")
11	502-0971	2	Connector, Hose (1"ID Hose)	34	520-0311	2	Stud (3/8-16 x 1-5/8")
12	503-0398	2	Clamp, Hose	35	145-0482	1	Adapter, Carburetor
13	503-1103	1	Hose (1"ID x 52")	36	110-0445	4	Nut, Hex (5/16)
14	148-0967	1	Bracket, Fuel - Remote	37	526-0065	4	Washer, Flat (5/16")
15	505-0130	4	Plug, Square Head (3/4")	38	520-0972	4	Stud (5/16-24 x 3-1/4")
16	821-0016	2	Screw, Self-Locking (5/16-18 x 3/4")	39	306-0155	1	Bracket
17	505-0020	1	Bushing, Reducer (3/4 x 1/4)	40	308-0150	1	Plate, Mounting - Switch
18	501-0103	1	Line, Fuel - Flex (1/4 NPT x 7/16-24)	41	308-0005	1	Switch, Toggle
19	504-0007	1	Cock, Shut-Off (1/8 NPT x 7/16-24)	42	813-0098	2	Screw, Round Head (#10-32x3/8")
20	505-0007	1	Bushing, Reducer (1/4 x 1/8)	43	870-0131	2	Nut, Lock - External Tooth (#10-32)
21	149-2296	1	Pump, Fuel	44	520-0311	2	Stud (3/8-24 x 1-1/2")
22	149-1436	1	Gasket, Pump - Fuel	45	520-0972	4	Stud (5/16 x 3-1/4")
23	502-0004	1	Elbow, Male Inverted (1/4 NPT x 7/16-24)	46	526-0065	4	Washer, Flat (5/16")
				47	110-0445	4	Nut, Hex (5/16-24)
				48	145-0608	1	Adapter, Carburetor

Fuel System
Natural Gas
ENA, ENB, ENC



**Fuel System
Natural Gas
ENA, ENB, ENC**

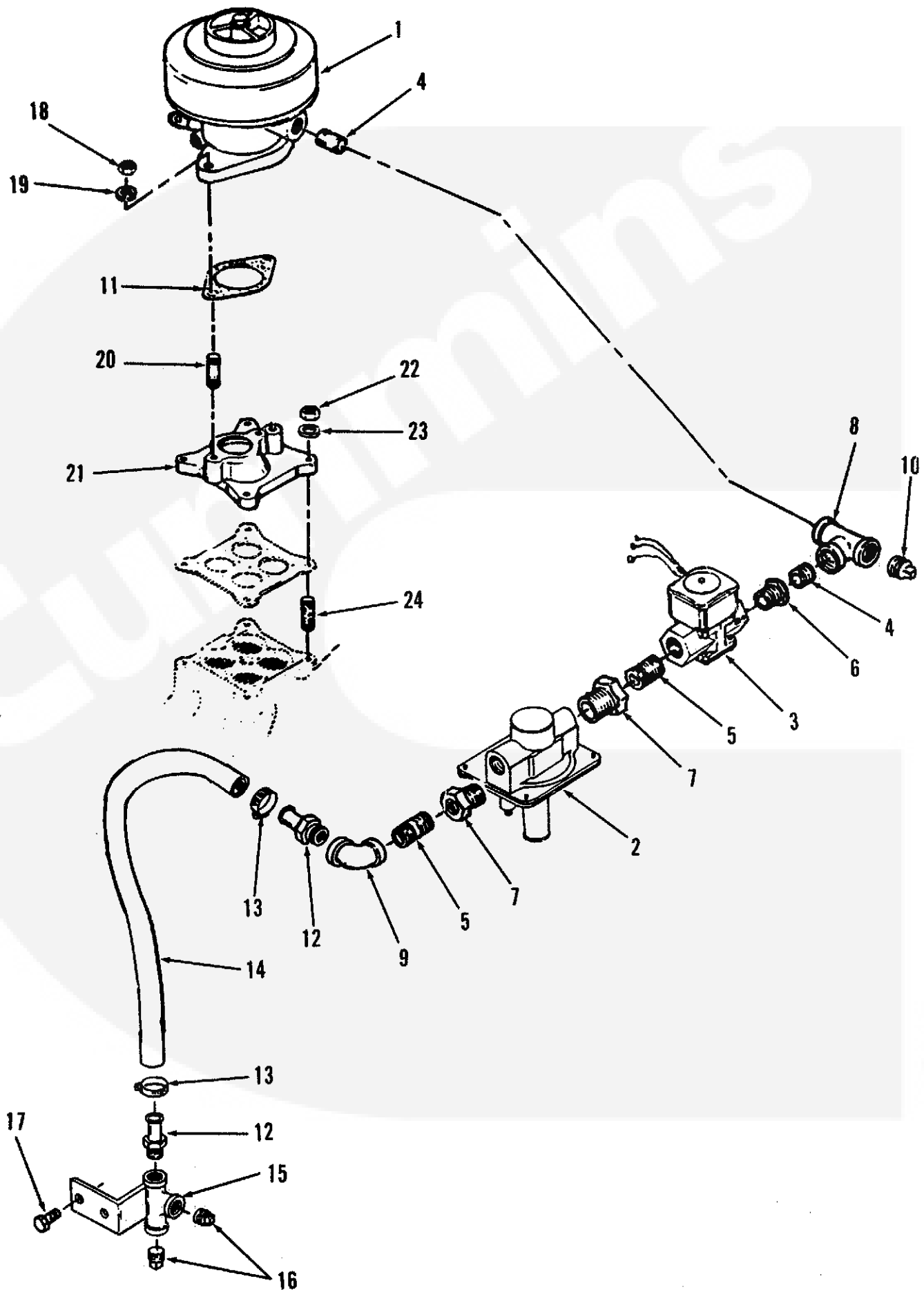
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0763	1	Carburetor, Natural Gas	13	148-0966	1	Bracket, Fuel - Remote
2	141-0852	1	Gasket, Carburetor	14	503-1103	1	Hose (1"ID x 44")
3	505-0106	2	Nipple, Pipe (1/2 x 1/2)	15	505-0130	2	Plug, Square Head (3/4)
4	505-0040	1	Elbow, Pipe (1/2 x 90°)	16	821-0016	2	Screw, Self-Locking (5/16-18 x 3/4")
5	505-0022	1	Bushing, Reducer (1" x 1/2")	17	104-0091	2	Nut, Hex (3/8-24)
6	148-0601	1	Regulator, Natural Gas (1"NPT)	18	854-0020	2	Washer, Lock (3/8")
7	505-0129	1	Bushing, Reducer (1" x 3/4")	19	110-0445	4	Nut, Hex (5/16-24)
8	505-0102	2	Nipple, Close (3/4 x 1-3/8)	20	526-0065	4	Washer, Flat 5/16"
9	307-0834	1	Valve, Solenoid (3/4 NPT)	21	145-0482	1	Adapter, Carburetor
10	505-0132	1	Elbow, Pipe (3/4 x 90°)	22	520-0311	4	Stud (5/16-24 x 1-1/2")
11	502-0971	2	Connector, Hose (1"ID Hose)				
12	503-0398	2	Clamp, Hose				

This diagram illustrates the exploded view of a mechanical assembly, likely a pump or motor unit. The components are numbered 1 through 40. The assembly includes a main housing (11) with various ports and mounting points. A central shaft (14) is shown with a pulley (1) at the top and a coupling (31) at the bottom. The shaft is supported by bearings (2, 5, 7, 8, 10, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36, 37, 38, 39, 40). A large curved pipe (9) is connected to the assembly. The diagram shows the relative positions of the parts, indicating how they fit together.

**Fuel System
Liquid Propane
ENA, ENB, ENC**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0763	1	Carburetor, Natural Gas	21	800-0051	1	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
2	141-0852	1	Gasket, Carburetor	22	850-0050	1	Washer, Lock (3/8")
3	505-0106	1	Nipple, Pipe (1/2 x 1-1/2)	23	502-0943	2	Connector, Hose (5/8" ID Hose)
4	505-0021	1	Bushing, Reducer (3/4 x 1/2)	24	503-0547	2	Clamp, Hose
5	505-0132	2	Elbow, Pipe (3/4 x 90°)	25	505-0039	1	Elbow, Pipe (3/8 x 90°)
6	505-0268	1	Nipple, Pipe (3/4 x 5-1/2)	26	505-0101	1	Nipple, Close (3/8 x 1)
7	502-0971	2	Connector, Hose (1" ID Hose)	27	505-0099	1	Nipple, Pipe (1/4 x .88)
8	503-0398	2	Clamp, Hose	28	307-0268	1	Valve, Solenoid
9	503-1103	1	Hose (1" ID x 21")	29	850-0040	2	Washer, Lock (1/4")
10	148-0625	1	Converter Assv, Gas	30	800-0049	2	Screw, Cap - Hex Head (1/4-20 x 3/4)
11	148-0773	1	Bracket Assv, Converter - Gas	31	505-0004	1	Nipple, Close (1" x 1-1/2")
12	800-0069	2	Screw, Cap - Hex Head (7/16-14 x 3/4")	32	505-0661	1	Tee, Reducing (1" x 1" x 3/4")
13	850-0055	2	Washer, Lock (7/16")	33	505-0331	1	Nipple, Pipe (1" x 4")
14	505-1463	1	Elbow, Male - 90° (1/4 NPT x 9/16-18)	34	505-0479	1	Cap, Pipe (1")
15	501-0608	1	Hose, Fuel - LPG (3/8" ID x 28")	35	505-0084	1	Nipple, Close (3/4 x 2-1/2)
16	505-0020	3	Bushing, Reducer (3/4 x 1/4)	36	505-0132	1	Elbow, Pipe (3/4 x 90°)
17	505-0054	1	Plug, Square Head (1/4)	37	503-0386	1	Hose, (5/8" ID x 30")
18	148-0966	1	Bracket, Fuel - Remote	38	503-0386	1	Hose (5/8" ID x 20")
19	821-0016	2	Screw, Self-Locking (5/16-18 x 3/4")	39	854-0020	2	Washer, Lock (3/8")
20	148-0776	1	Spacer	40	104-0091	2	Nut, Hex (3/8-24)

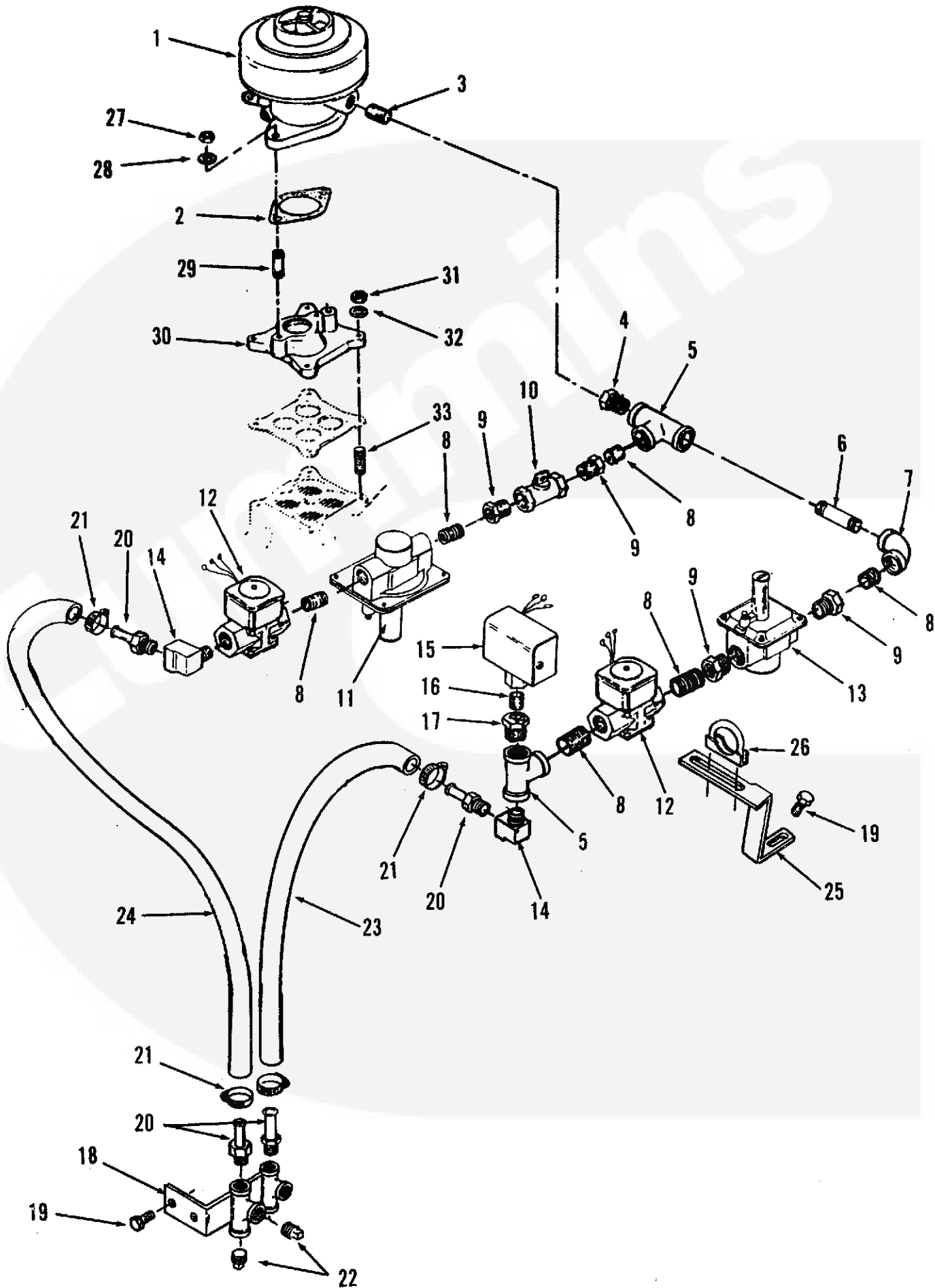
**Fuel System
Propane Vapor
ENA, ENB, ENC**



**Fuel System
Propane Vapor
ENA, ENB, ENC**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0763	1	Carburetor, Natural Gas	14	503-1103	1	Hose, LPG (1"ID x 43")
2	148-0636	1	Regulator, LPG (1"NPT)	15	148-0966	1	Bracket, Fuel - Remote
3	307-0834	1	Valve, Solenoid (3/4"NPT)	16	505-0130	2	Plug, Square Head (3/4)
4	505-0106	2	Nipple, Pipe (1/2 x 1-1/2)	17	821-0016	2	Screw, Self-Locking (5/16-18 x 3/4")
5	505-0102	2	Nipple, Pipe (3/4 x 1-3/8)	18	104-0091	2	Nut, Hex (3/8-24)
6	505-0021	1	Bushing, Reducer (3/4 x 1/2)	19	854-0020	2	Washer, Lock (3/8")
7	505-0129	2	Bushing, Reducer (1 x 3/4)	20	520-0311	2	Stud (3/8 x 1-1/2")
8	505-0108	1	Tee, Pipe (1/2)	21	145-0482	1	Adapter, Carburetor
9	505-0132	1	Elbow, Pipe (3/4 x 90°)	22	110-0445	4	Nut, Hex (5/16-24)
10	505-0056	1	Plug, Pipe (1/2)	23	526-0065	4	Washer, Flat (5/16")
11	141-0852	1	Gasket, Carburetor	24	520-0972	4	Stud (5/16-24 x 3-1/4")
12	502-0971	2	Connector, Hose (1"ID Hose)				
13	503-0398	2	Clamp, Hose				

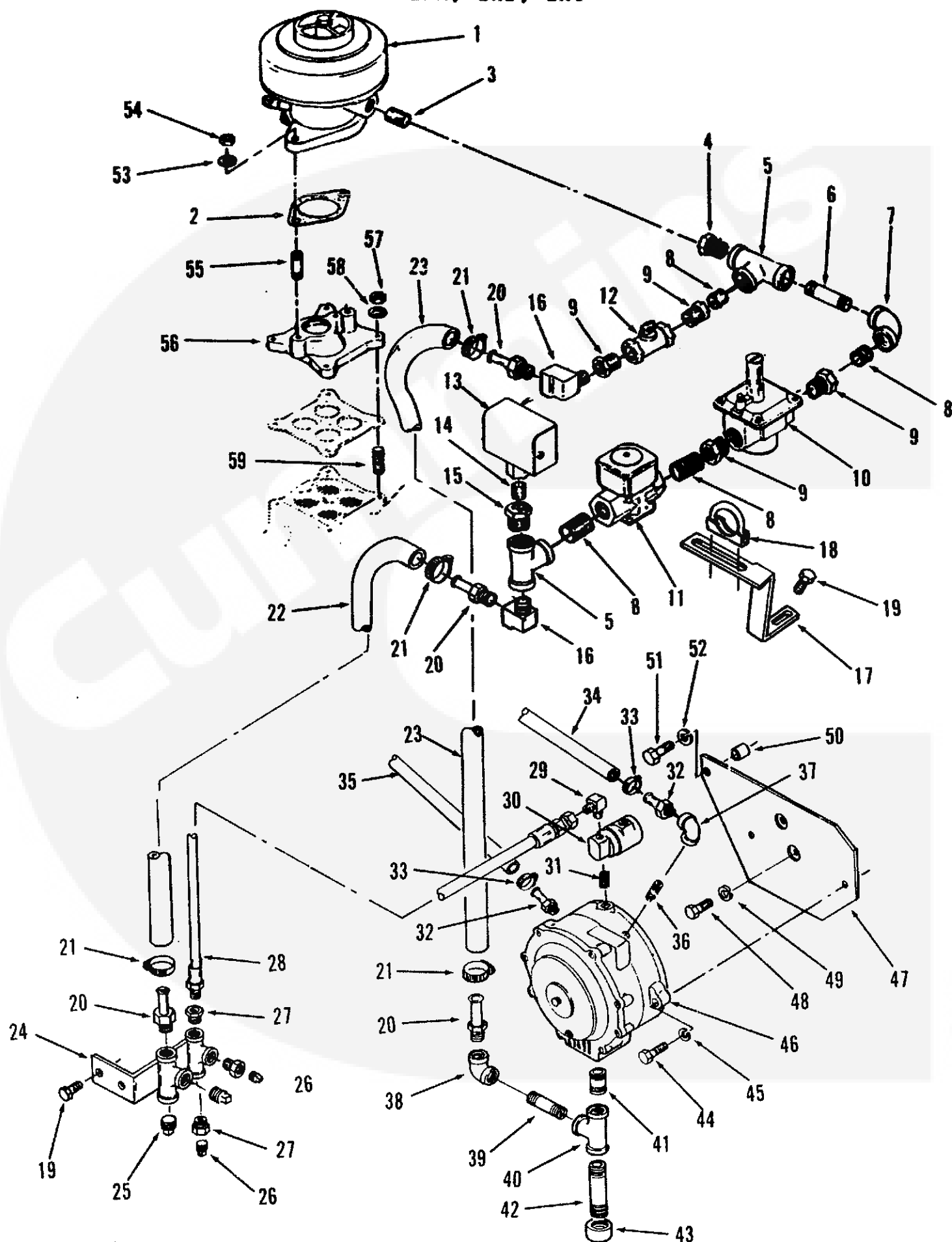
**Fuel System
LPG Vapor/Neutral Gas
Automatic Changeover
ENA, ENB, ENC**



**Fuel System
LPG Vapor/Natural Gas
Automatic Changeover
ENA, ENB, ENC**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0763	1	Carburetor, Natural Gas	18	148-0967	1	Bracket, Fuel - Remote
2	141-0852	1	Gasket, Carburetor	19	821-0016	3	Screw, Self-Locking (5/16-18 x 3/4")
3	505-0106	1	Nipple, Pipe (1/2 x 1-1/2)	20	502-0971	4	Connector, Hose (1" ID Hose)
4	505-0021	1	Bushing, Reducer (3/4 x 1/2)	21	503-0398	4	Clamp, Hose
5	505-0166	2	Tee, Pipe (3/4)	22	505-0130	4	Plug, Square Head (3/4")
6	505-0332	1	Nipple, Pipe (3/4 x 3)	23	503-1103	1	Hose, LPG (1" ID x 46")
7	505-0132	1	Elbow, Pipe (3/4 x 90°)	24	503-1103	1	Hose, LPG (1" ID x 43")
8	505-0102	6	Nipple, Close (3/4 x 1-3/8)	25	148-0968	1	Brace
9	505-0129	4	Bushing, Reducer (1" x 3/4")	26	155-1255	1	Clamp, Muffler (1-1/8")
10	148-0626	1	Valve, Adjusting - Load	27	104-0091	2	Nut, Hex (3/8-24)
11	148-0637	1	Regulator, LPG (1"NPT)	28	854-0020	2	Washer, Lock (3/8")
12	307-0834	2	Valve, Solenoid (3/4"NPT)	29			Stud
13	148-0601	1	Regulator, Natural Gas (1"NPT)	30			Adapter, Carburetor
14	502-0390	2	Elbow, Street (90°-3/4)	31			Nut
15	148-0627	1	Switch, Pressure	32			Washer, Flat
16	505-0099	1	Nipple, Pipe (1/4 x .88)	33			Stud
17	505-0020	1	Bushing, Reducer (3/4 x 1/4)				

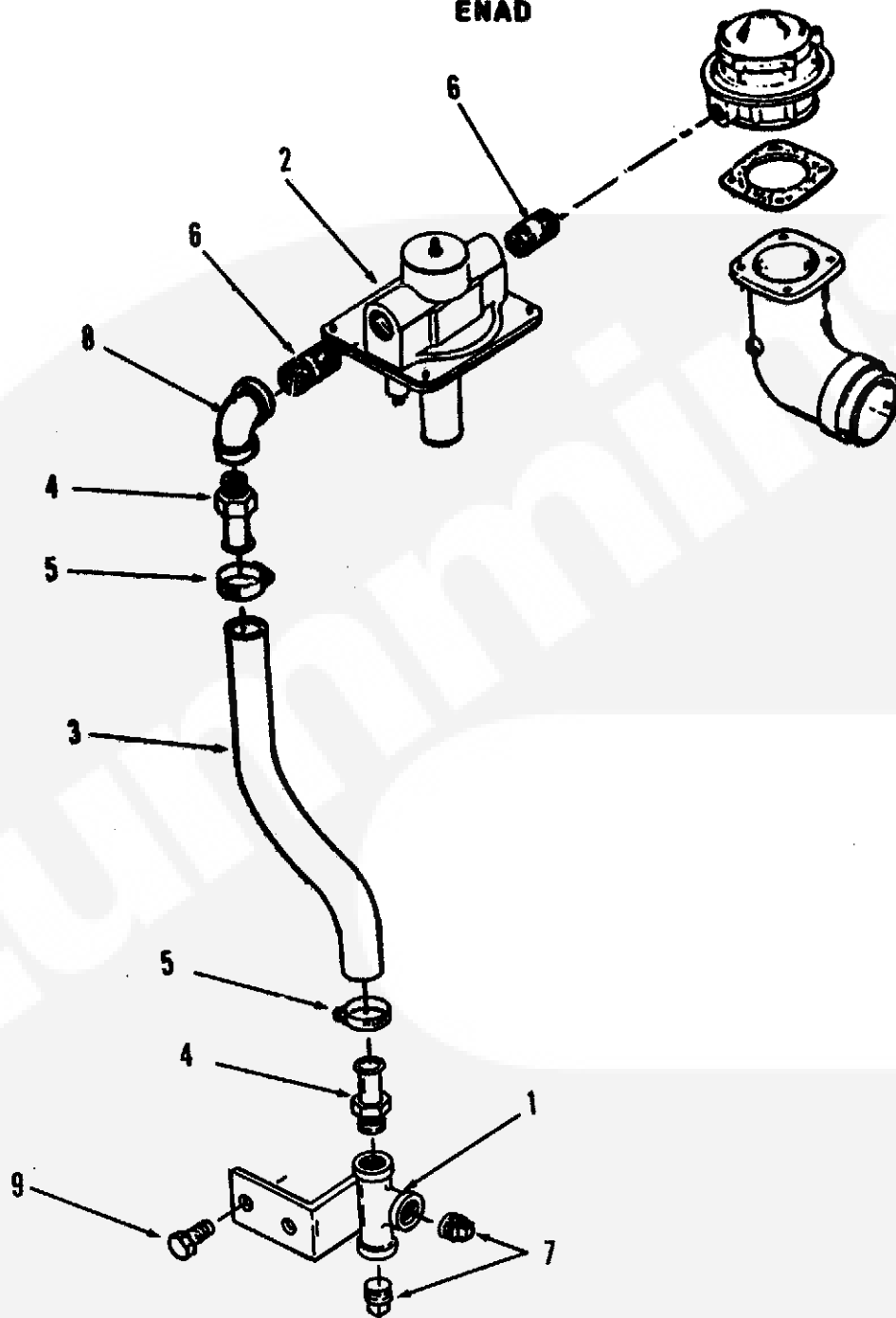
**Fuel System
LPG Liquid/Natural Gas
Automatic Changeover
ENA, ENB, ENC**



**Fuel System
LPG Liquid/Natural Gas
Automatic Changeover
ENA, ENB, ENC**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0763	1	Carburetor, Natural Gas	31	505-0099	1	Nipple, Pipe (1/4 x .88)
2	141-0852	1	Gasket, Carburetor	32	502-0943	2	Connector, Hose (5/8" ID Hose)
3	505-0106	1	Nipple, Pipe (1/2 x 1-1/2)	33	503-0547	2	Clamp, Hose
4	505-0021	1	Bushing, Reducer (3/4 x 1/2)	34	503-0386	1	Hose (5/8" ID x 30")
5	505-0166	2	Tee, Pipe (3/4)	35	503-0386	1	Hose (5/8" ID x 20")
6	505-0332	1	Nipple, Pipe (3/4 x 3)	36	505-0101	1	Nipple, Close (3/8 x 1")
7	505-0132	1	Elbow, Pipe (3/4 x 90°)	37	505-0039	1	Elbow, Pipe (3/8" x 90°)
8	505-0102	4	Nipple, Close (3/4 x 1-3/8)	38	505-0132	1	Elbow, Pipe (3/4" x 90°)
9	505-0129	4	Bushing, Reducer (1" x 3/4")	39	505-0084	1	Nipple, Pipe (3/4 x 2-1/2)
10	148-0601	1	Regulator, Natural Gas (1"NPT)	40	505-0661	1	Tee, Reducing (1"x 1" x 3/4")
11	307-0834	1	Valve, Solenoid (3/4 NPT)	41	505-0004	1	Nipple, Close (1" x 1-1/2")
12	148-0626	1	Valve, Adjusting - Load	42	505-0331	1	Nipple, Pipe (1" x 4")
13	148-0627	1	Switch, Pressure	43	505-0479	1	Cap, Pipe (1")
14	505-0099	1	Nipple, Pipe (1/4 x .88)	44	800-0049	2	Screw, Cap - Hex Head (1/4-20 x 3/4")
15	505-0020	1	Bushing, Reducer (3/4 x 1/4)	45	850-0040	2	Washer, Lock (1/4")
16	502-0390	2	Elbow, Street (3/4 x 90°)	46	148-0625	1	Converter, Gas
17	148-0968	1	Brace	47	148-0773	1	Bracket, Converter
18	155-1255	1	Clamp, Muffler (1-1/8")	48	800-0069	2	Screw, Cap - Hex Head (7/16-14 x 3/4")
19	821-0016	3	Screw, Self-Locking (5/16-18 x 3/4")	49	850-0055	2	Washer, Lock (7/16")
20	502-0971	4	Connector, Hose (1" ID Hose)	50	148-0776	1	Spacer
21	503-0398	4	Clamp, Hose	51	800-0051	1	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
22	503-1103	1	Hose (1" ID x 48")	52	850-0050	1	Washer, Lock (3/8")
23	503-1103	1	Hose (1" ID x 21")	53	854-0020	2	Washer, Lock - Internal Tooth (3/8")
24	148-0967	1	Bracket, Fuel - Remote	54	104-0091	2	Nut, Hex (3/8-24)
25	505-0130	1	Plug, Square Head (3/4")	55	520-0311	2	Stud (3/8-24 x 1-5/8")
26	505-0054	2	Plug, Square Head (1/4")	56	145-0482	1	Adapter, Carburetor
27	505-0020	3	Bushing, Reducer (3/4 x 1/4)	57	110-0445	4	Nut, Hex (5/16-24)
28	501-0608	1	Hose, Fuel - LPG (3/8" ID x 28")	58	526-0065	4	Washer, Flat (5/16")
29	505-1463	1	Elbow, Male - 90° (1/4-18 x 9/16-18)	59	520-0972	4	Stud (5/16-24 x 3-1/4")
30	307-0268	1	Valve, Solenoid				

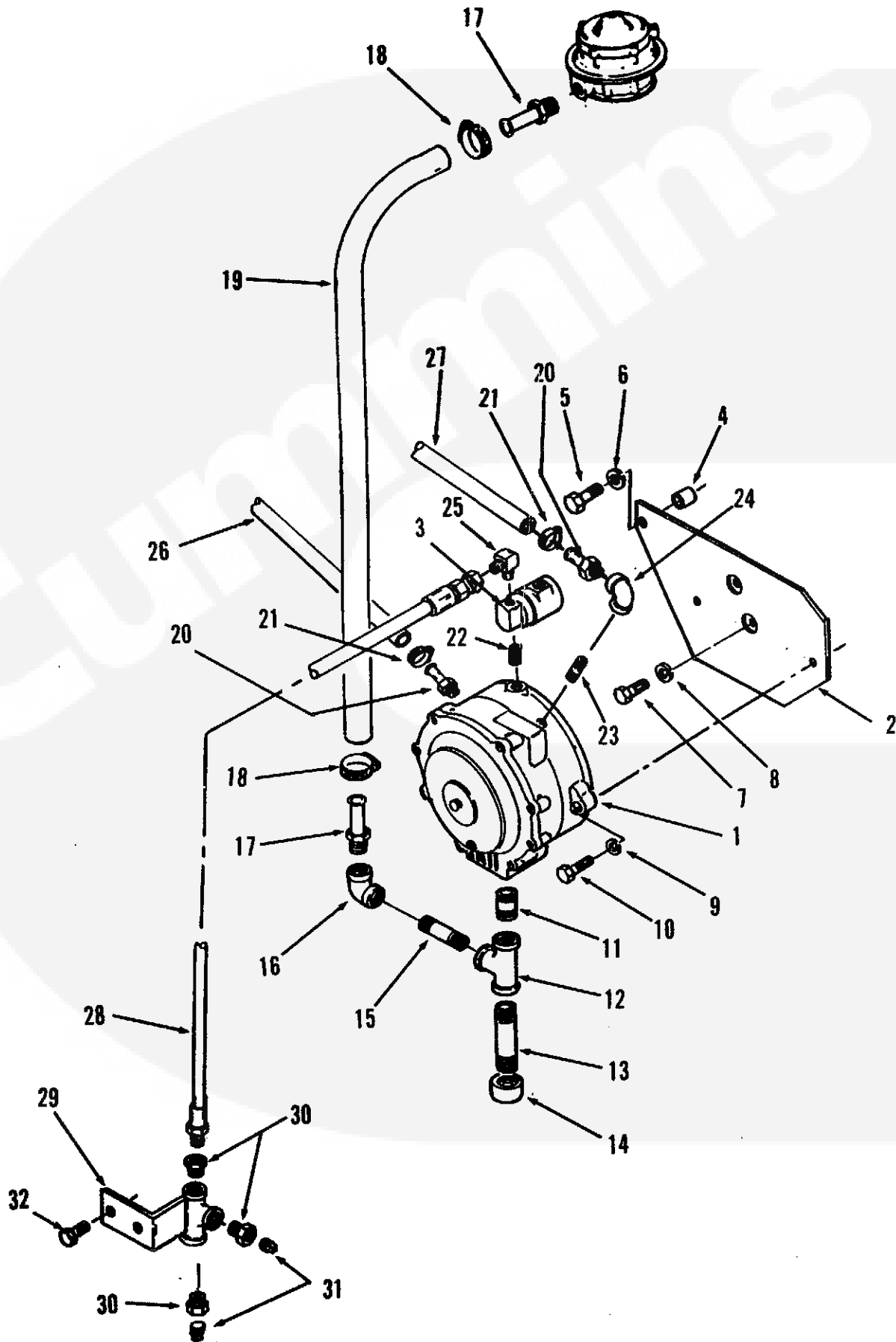
Fuel System
LPG Vapor
ENAD



**Fuel System
LPG Vapor
ENAB**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0966	1	Bracket, Fuel - Remote	6	505-0102	2	Nipple, Pipe (3/4 x 1-3/8)
2	148-0637	1	Regulator, Vapor - LPG	7	505-0130	2	Plug, Square Head (3/4)
3	503-1103	1	Hose, LPG (1"ID x 54")	8	505-0132	1	Elbow, Pipe (3/4 x 90°)
4	502-0971	2	Connector, Hose (1"ID Hose)	9	821-0016	2	Screw, Cap - Self-Locking (5/16-18 x 3/4")
5	503-0398	2	Clamp, Hose				

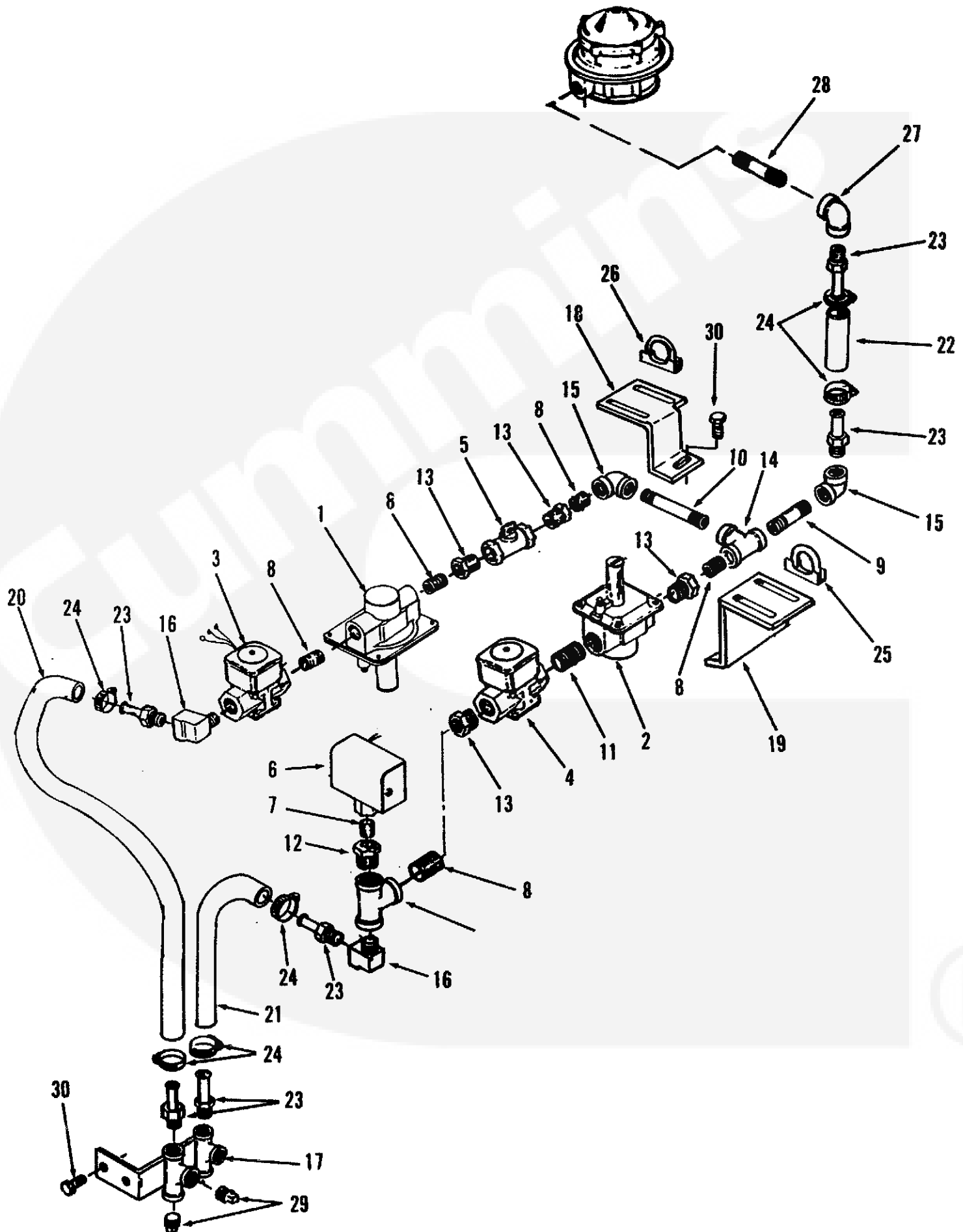
**Fuel System
Liquid Propane
ENAD**



**Fuel System
Liquid Propane
ENAD**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0625	1	Converter, Gas	17	502-0971	2	Connector, Hose (1"ID Hose)
2	148-0773	1	Bracket, Converter	18	503-0398	2	Clamp, Hose
3	307-0268	1	Valve, Solenoid	19	503-1103	1	Hose (1"ID x 40")
4	148-0776	1	Spacer	20	502-0943	2	Connector, Hose (5/8"ID Hose)
5	800-0051	1	Screw, Cap - Hex Head (3/8-16 x 1-1/4")	21	503-0547	4	Clamp, Hose
6	850-0050	1	Washer, Lock (3/8")	22	505-0099	1	Nipple, Pipe (1/4 x .88)
7	800-0069	2	Screw, Cap - Hex Head (7/16-14 x 3/4")	23	505-0101	1	Nipple, Close (3/8 x 1)
8	850-0055	2	Washer, Lock (7/16")	24	505-0039	1	Elbow, Pipe (3/8 x 90°)
9	800-0049	2	Screw, Cap - Hex Head (1/4-20 x 3/4")	25	505-1463	1	Elbow, Male - 90° (1/4 NPT x 9/16-18)
10	850-0040	2	Washer, Lock (1/4")	26	503-0386	1	Hose (5/8"ID x 20")
11	505-0004	1	Nipple, Close (1" x 1-1/2")	27	503-0386	1	Hose (5/8"ID x 30")
12	505-0661	1	Tee, Reducing (1" x 1" x 3/4")	28	501-0608	1	Hose, Fuel - LPG (3/8"ID x 28")
13	505-0331	1	Nipple, Pipe (1" x 4")	29	148-0966	1	Bracket, Fuel - Remote
14	505-0479	1	Cap, Pipe (1")	30	505-0020	3	Bushing, Reducer (3/4 x 1/4)
15	505-0084	1	Nipple, Pipe (3/4 x 2-1/2)	31	505-0054	2	Plug, Square Head (1/4)
16	505-0132	1	Elbow, Pipe (3/4 x 90°)	32	821-0016	2	Screw, Self-Locking (5/16-18 x 3/4")

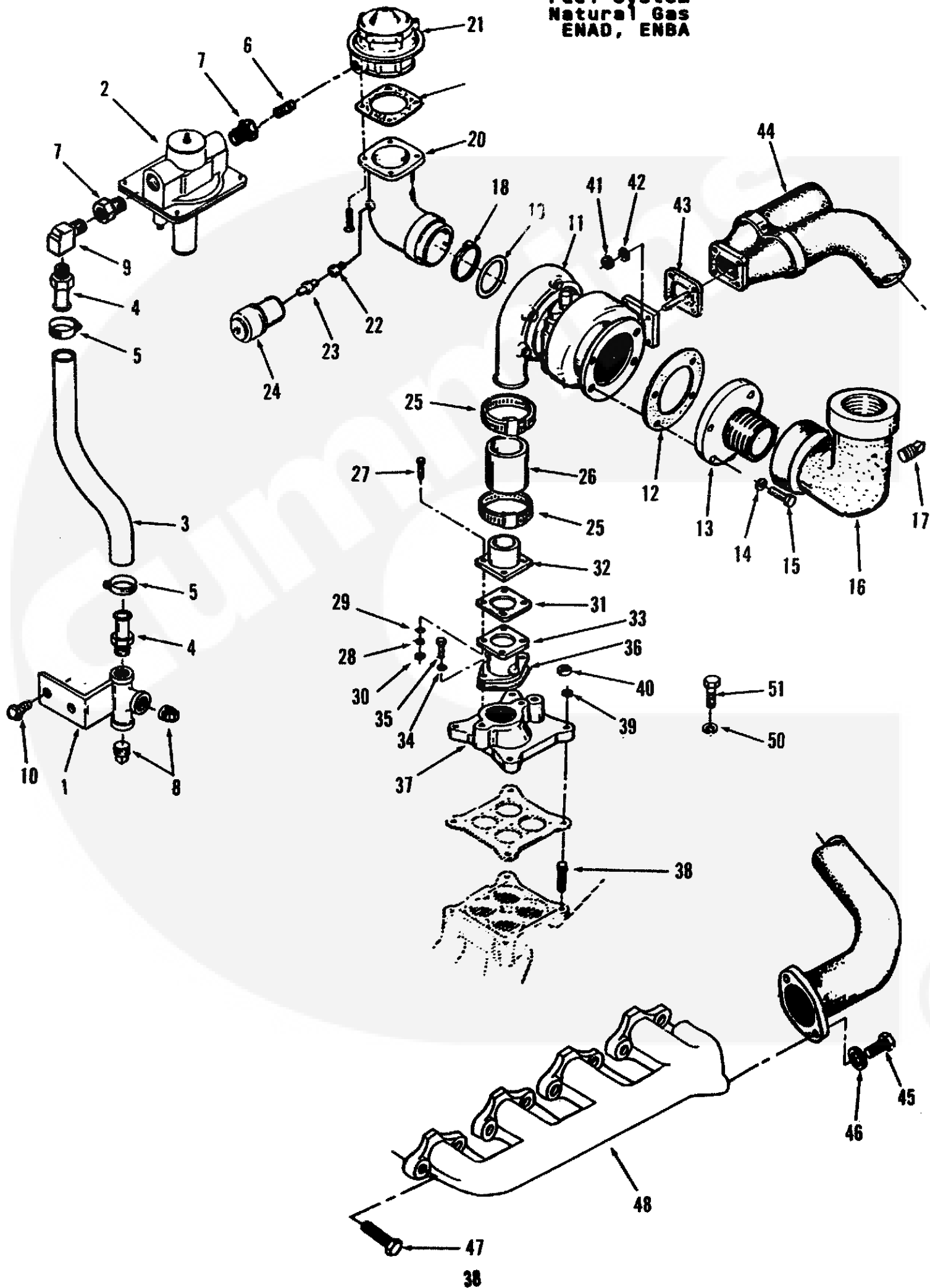
**Fuel System
Natural Gas/LPG Vapor
ENAD**



**Fuel System
Natural Gas/LPG Vapor
ENAD**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0637	1	Regulator, LPG (1"NPT)	16	502-0390	2	Elbow, Street (3/4 x 90°)
2	148-0601	1	Regulator, Natural Gas (1"NPT)	17	148-0967	1	Bracket, Fuel - Remote
3	307-0834	1	Valve, Solenoid (3/4"NPT)	18	148-0970	1	Brace
4	307-0836	1	Valve, Solenoid (3/4"NPT)	19	148-0969	1	Brace
5	148-0626	1	Valve, Adjusting - Load	20	503-1103	1	Hose, LPG (1"ID x 43")
6	148-0627	1	Switch, Adjusting - Load	21	503-1103	1	Hose, LPG (1"ID x 46")
7	505-0099	1	Nipple, Pipe (1/4 x .88)	22	503-1103	1	Hose, LPG (1"ID x 5.5")
8	505-0102	5	Nipple, Close (3/4 x 1-3/8)	23	502-0971	6	Connector, Hose (1"ID Hose)
9	505-0332	1	Nipple, Pipe (3/4 x 3)	24	503-0398	6	Clamp, Hose
10	505-0337	1	Nipple, Pipe (3/4 x 4)	25	155-1255	2	Clamp, Muffler (1-1/8")
11	505-0004	1	Nipple, Close (1 x 1-1/2)	26	155-1015	2	Clamp, Muffler (1-1/2")
12	505-0020	1	Bushing, Reducer (3/4 x 1/4)	27	505-0132	1	Elbow, Pipe (3/4" x 90°)
13	505-0129	4	Bushing, Reducer (1 x 3/4)	28	505-0337	1	Nipple, Pipe (3/4" x 4")
14	505-0166	2	Toe, Pipe (3/4)	29	505-0130	4	Plug, Square Head (3/4")
15	505-0132	2	Elbow, Pipe (3/4 x 90°)	30	821-0016	4	Screw, Self-Locking (5/16-18 x 3/4")

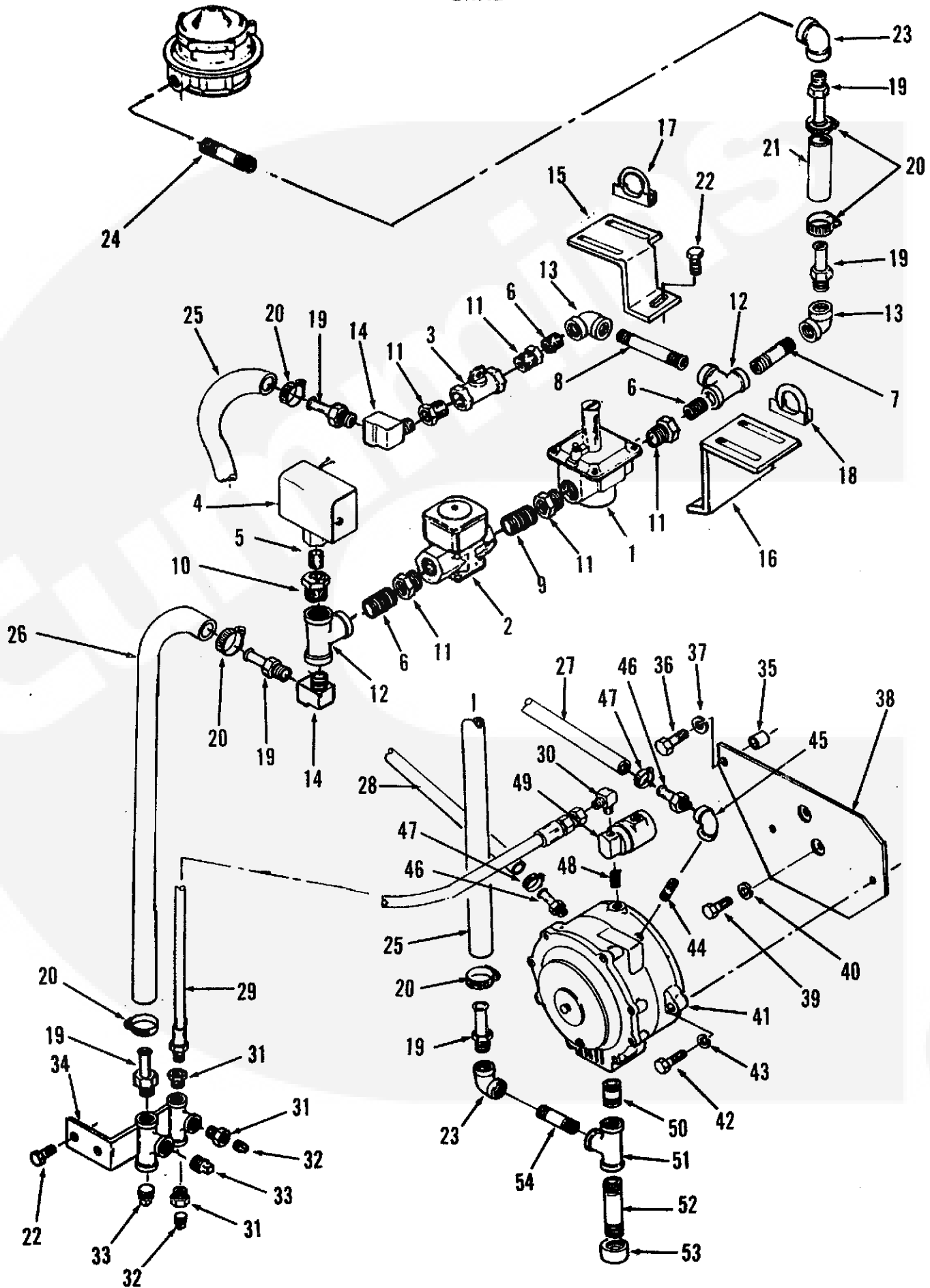
Fuel System
Natural Gas
ENAD, ENBA



**Fuel System
Natural Gas
ENAD, ENBA**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0966	1	Bracket, Fuel - Remote	25	503-1508	2	Clamp, Hose (2")
2	148-0601	1	Regulator, Natural Gas	26			Hose
3	503-1103	1	Hose, LPG (1"ID x 54")		503-1507-01	1	ENAD (2"ID x 3")
4	502-0971	2	Connector, Hose (1"ID Hose)		503-1507-02	1	ENBA (2"ID x 4-3/4")
5	503-0398	2	Clamp, Hose	27	813-0103	4	*Screw, Round Head (#10-32)
6	505-0102	1	Nipple, Close (3/4 x 1-1/2")	28	850-0030	4	*Washer, Lock (#10-32)
7	505-0129	2	Bushing, Reducer (3/4" x 1")	29	526-0008	4	*Washer, Flat (#10-32)
8	505-0130	2	Plug, Square Head (3/4)	30	870-0053	4	*Nut, Hex (#10-32)
9			Elbow	31	145-0540	1	Gasket, Turbocharger
	502-0390	1	ENAD Street (90° x 3/4")	32	145-0629	1	*Adapter, Turbocharger
	505-0132	1	ENBA Pipe (3/4" x 90°)	33			Body, Throttle
10	821-0016	2	Screw, Self-Locking (5/16-18 x 3/4")		145-0538	1	ENAD
			Turbocharger		145-0577	1	ENBA
11				34	850-0050	2	Washer, Lock (3/8")
	145-0626	1	ENAD	35	800-0050	2	Screw, Cap - Hex Head (3/8-16 x .88")
	145-0640	1	ENBA				
12			Gasket, Flange - Exhaust	36	141-0852	1	Gasket
	155-2639	1	ENAD	37	145-0482	1	Adapter, Carburetor
	155-2649	1	ENBA	38	520-0011	4	Stud, Steel (5/16-24)
13			Adapter, Exhaust	39	526-0065	4	Washer, Flat (5/16")
	155-2641	1	ENAD	40	110-0445	4	Nut, Head - Cylinder (5/16-24)
	155-2647	1	ENBA				
14	850-2008	4	Washer, Lock (M8)	41	862-0003	4	Nut, Hex (3/8-16)
15	800-2058	4	Screw, Cap - Hex Head (M8 x 1-1/4 x 25mm)	42	850-0050	4	Washer, Lock (3/8")
				43	145-0533	1	Gasket, Inlet - Turbine
16	505-1369	1	Elbow, Reducer	44	154-2857	1	Tube, Exhaust
17	505-0057	1	Plug, Square Head (1/8 x 27NPT)	45	800-1507	4	Screw, Cap - Hex Head (Grade 8) (7/16-14 x 1-1/2")
18	503-0998	1	Clamp, Hose - T-Bolt (3-1/4")	46	526-0032	4	Washer, Flat (7/16")
19	509-0165	1	"O"-Ring, Inlet	47	800-0574	16	Screw (3/8-16)
20	145-0630	1	Elbow, Inlet	48			Manifold, Exhaust
21	145-0532	1	Mixer, Natural Gas		154-2500	1	Left Hand
22	505-0007	1	Bushing, Pipe (1/4 x 1/8)		154-2499	1	Right Hand
23	140-1260	1	Fitting, Filler - Safety	49	520-0925	4	Stud (3/8-16 x 1-1/4)
24			Indicator, Service	50	850-0045		Washer, Lock (5/16")
	140-1791	1	ENAD	51	800-0029		Screw, Cap - Hex Head (5/16-18 x 1-1/8")
	140-1548	1	ENBA				

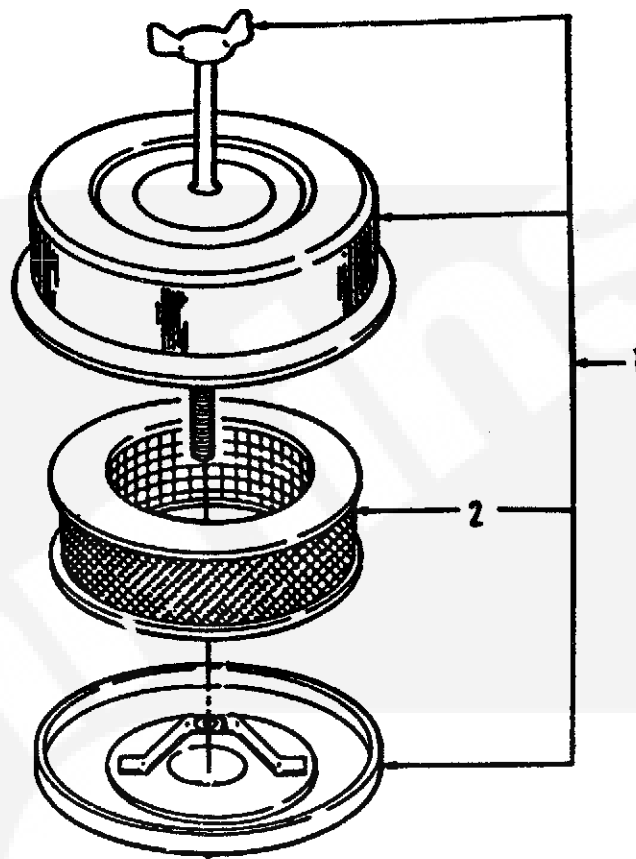
Fuel System
Natural Gas/LPG Liquid
Dual Automatic Changeover
ENAD



**Fuel System
Natural Gas/LPG Liquid
Dual Automatic Changeover
ENAD**

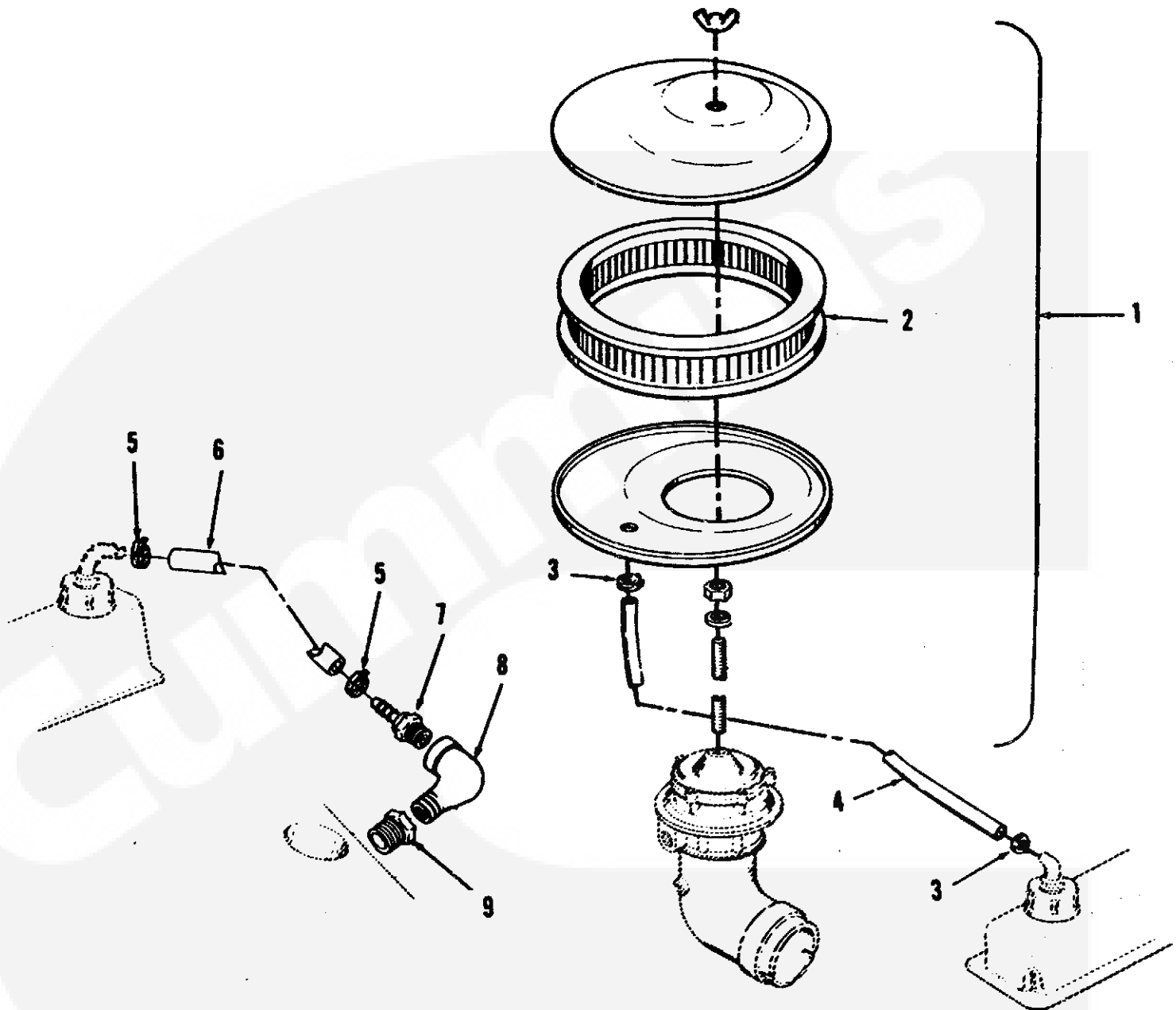
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0601	1	Regulator, Natural Gas (1"NPT)	30	505-1463	1	Elbow, Male - 90° (1/4-18" NPT x 9/16-18")
2	307-0836	1	Valve, Solenoid (3/4"NPT)	31	505-0020	3	Bushing, Reducer (3/4 x 1/4)
3	148-0626	1	Valve, Adjusting - Load	32	505-0054	2	Plug, Square Head (1/4)
4	148-0627	1	Switch, Pressure	33	505-0130	2	Plug, Square Head (3/4)
5	505-0099	1	Nipple, Pipe (1/4 x .88)	34	148-0967	1	Bracket, Fuel - Remote
6	505-0102	3	Nipple, Close (3/4 x 1-3/8)	35	148-0776	1	Spacer
7	505-0332	1	Nipple, Pipe (3/4 x 3)	36	800-0051	1	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
8	505-0337	1	Nipple, Pipe (3/4 x 4)				
9	505-0004	1	Nipple, Close (1 x 1-1/2)	37	850-0050	1	Washer, Lock (3/8")
10	505-0020	1	Bushing, Reducer (3/4 x 1/4)	38	148-0773	1	Bracket
11	505-0129	4	Bushing, Reducer (1 x 3/4)	39	800-0069	2	Screw, Cap - Hex Head (7/16-14 x 3/4")
12	505-0166	2	Tee, Pipe (3/4)				
13	505-0132	2	Elbow, Pipe (3/4 x 90°)	40	850-0055	2	Washer, Lock (7/16")
14	502-0390	2	Elbow, Street (3/4 x 90°)	41	148-0625	1	Converter, Gas
15	148-0970	1	Brace	42	800-0049	2	Screw, Cap - Hex Head (1/4-20 x 3/4")
16	148-0969	1	Brace				
17	155-1255	1	Clamp, Muffler (1-1/8")	43	850-0040	2	Washer, Lock (1/4")
18	155-1015	1	Clamp, Muffler (1-1/2")	44	505-0101	1	Nipple, Close (3/8 x 1)
19	502-0971	6	Connector, Hose (1"ID Hose)	45	505-0039	1	Elbow, Pipe (3/8 x 90°)
20	503-0398	6	Clamp, Hose	46	502-0943	2	Connector, Hose (5/8"ID Hose)
21	503-1103	1	Hose, LPG (1"ID x 5.5")	47	503-0547	2	Clamp, Hose
22	821-0016	4	Screw, Self-Locking (5/16-18 x 3/4")	48	505-0099	1	Nipple, Close (1/4 x .88)
23	505-0132	2	Elbow, Pipe (3/8" x 90°)	49	307-0268	1	Valve, Solenoid
24	505-0037	1	Nipple, Pipe (3/4" x 4")	50	505-0004	1	Nipple, Close (1" x 1-1/2")
25	503-1103	1	Hose, LPG (1"ID x 21")	51	505-0661	1	Tee, Reducer (1" x 1" x 3/4")
26	503-1103	1	Hose, LPG (1"ID x 46")	52	505-0331	1	Nipple, Pipe (1" x 4")
27	503-0386	1	Hose (5/8"ID x 30")	53	505-0479	1	Cap, Pipe (1")
28	503-0386	1	Hose (5/8"ID x 20")	54	505-0084	1	Nipple, Pipe (3/4 x 2-1/2)
29	501-0608	1	Hose, Fuel - LPG (3/8"ID x 28")				

Air Cleaner **ENA, ENB, ENC**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-1083	1	Cleaner Assembly, Air				
2	140-1089	1	Element, Cleaner - Air				

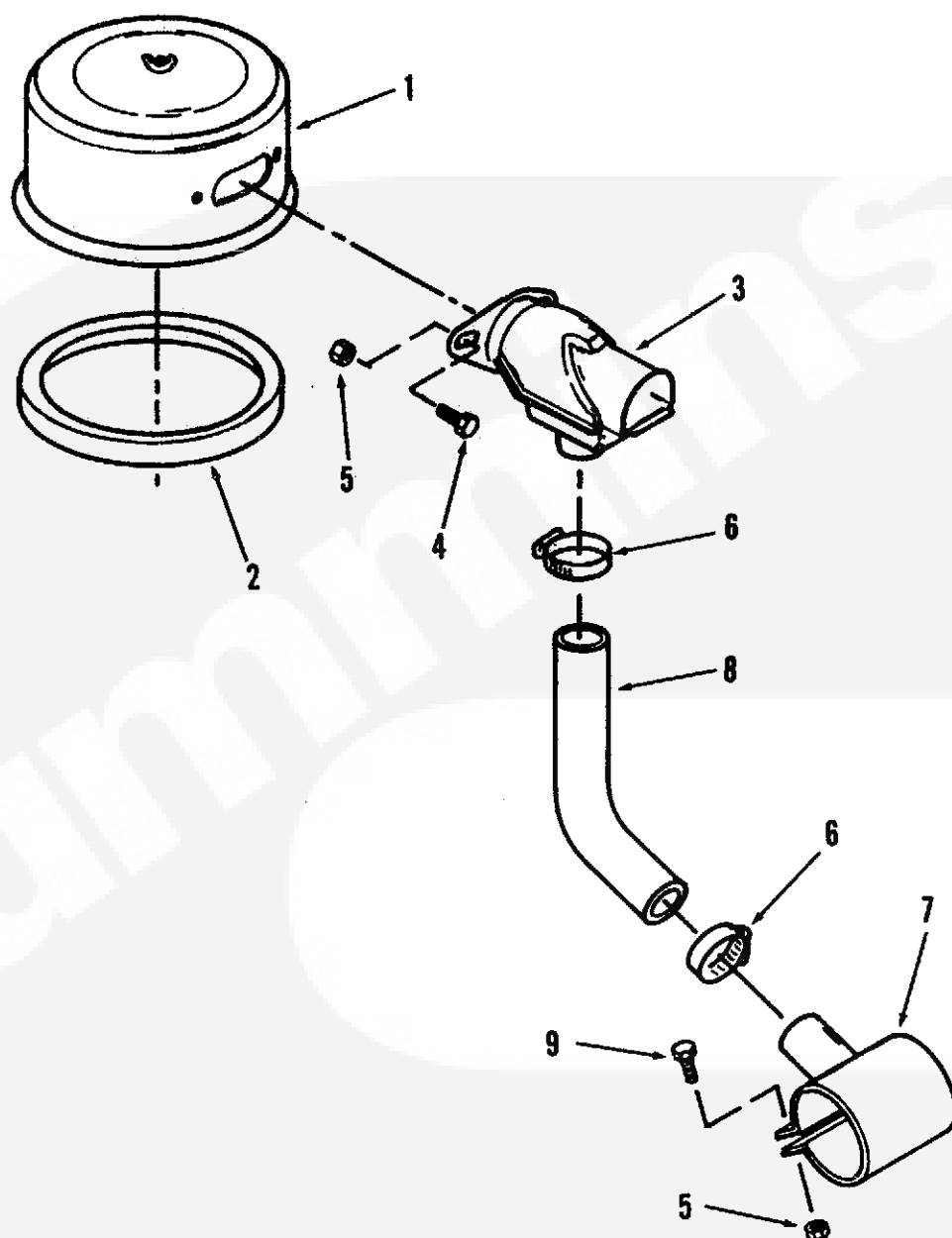
Air Cleaner ENAD, ENBA



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-1724	1	Cleaner Assembly, Air
2	140-1837	1	Element, Cleaner - Air
3	503-0547	2	Clamp, Hose
4	503-1093	1	Hose
5	503-0446	2	Clamp, Hose

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	503-1506	1	Hose, Bulk (12")
7	502-1012	1	Connector, Hose
8	505-0011	1	Elbow, Pipe - Street (1/4 x 90°)
9	505-0017	1	Bushing, Reducer (3/8 x 1/4)

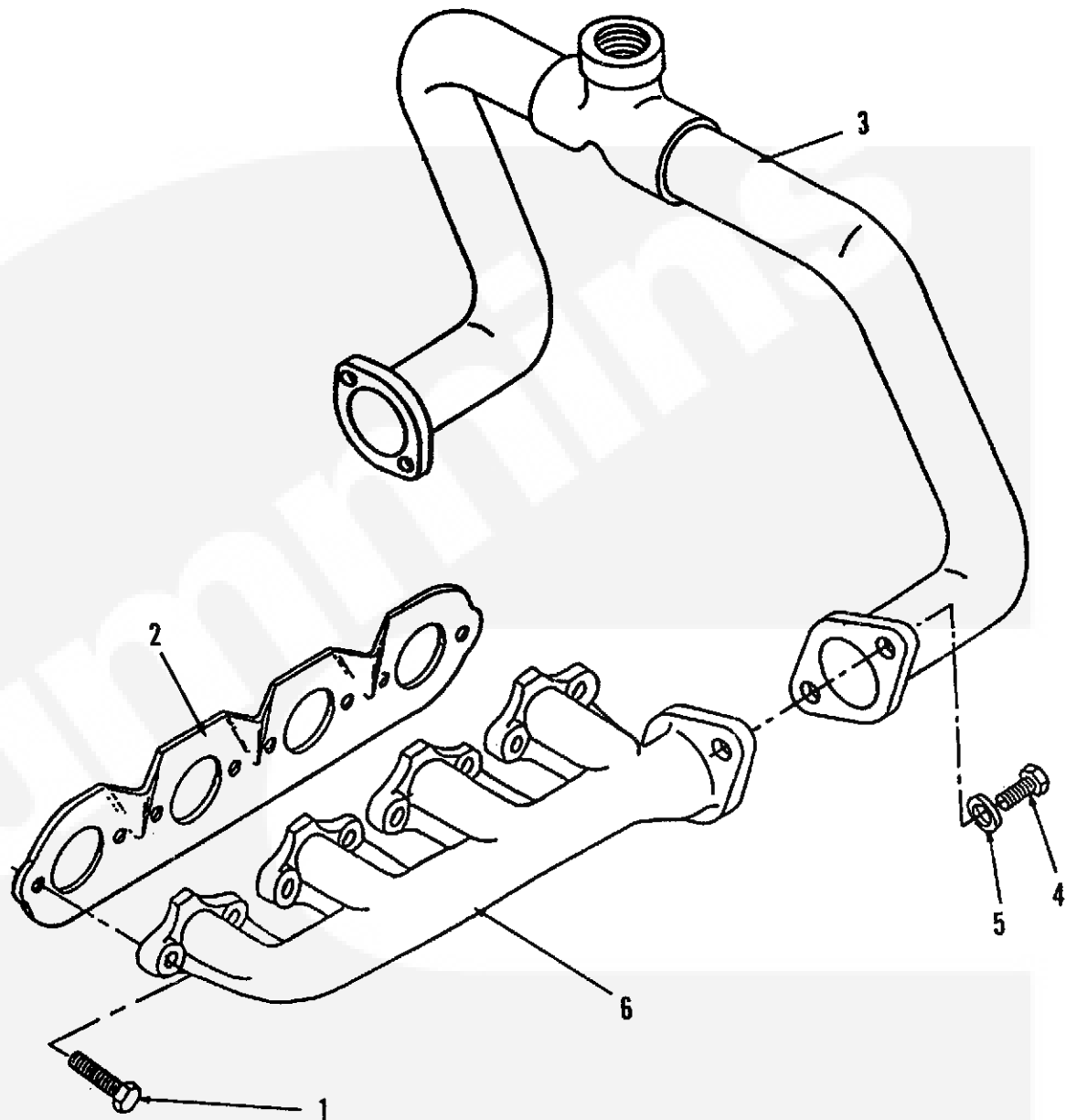
Air Cleaner With Preheat ENA, ENB, ENC



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-1400	1	Cleaner Assembly, Air
	140-1089	1	Element, Cleaner - Air
2	140-1401	1	Retainer, Heater Duct - Carburetor
3	140-1431	1	Inlet, Cleaner - Air
4	821-0008	2	Screw, Hex Head - Self-Locking (1/4-20 x .31")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	870-0212	4	Nut, Lock (1/4-20)
6	503-0365	2	Clamp, Hose
7	140-1402	1	Jacket, Air Heater - Carburetor
8	503-0082	1	Hose (2"ID x 10")
9	821-0011	2	Screw, Self-Locking (1/4-20 x .88")

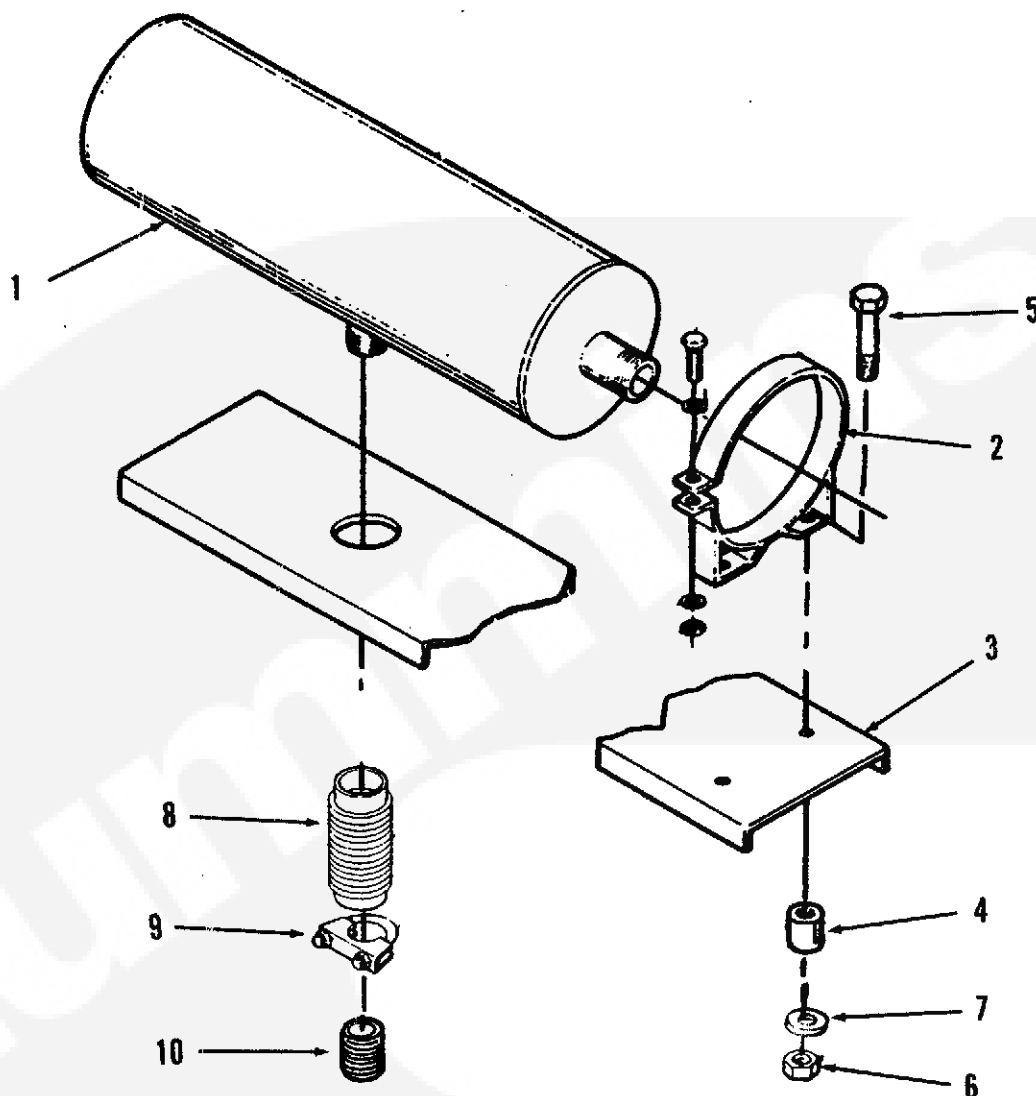
Dry Exhaust Manifold



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	800-0574	16	Screw, Hex Head - Self-Locking (3/8-16 x 1-3/8")
2	155-1395	2	Gasket
3	155-2214	1	Tube, Exhaust
4	800-0598	4	Screw, Cap - Hex Head (7/16-14 x 1-1/2") (Grade 8)

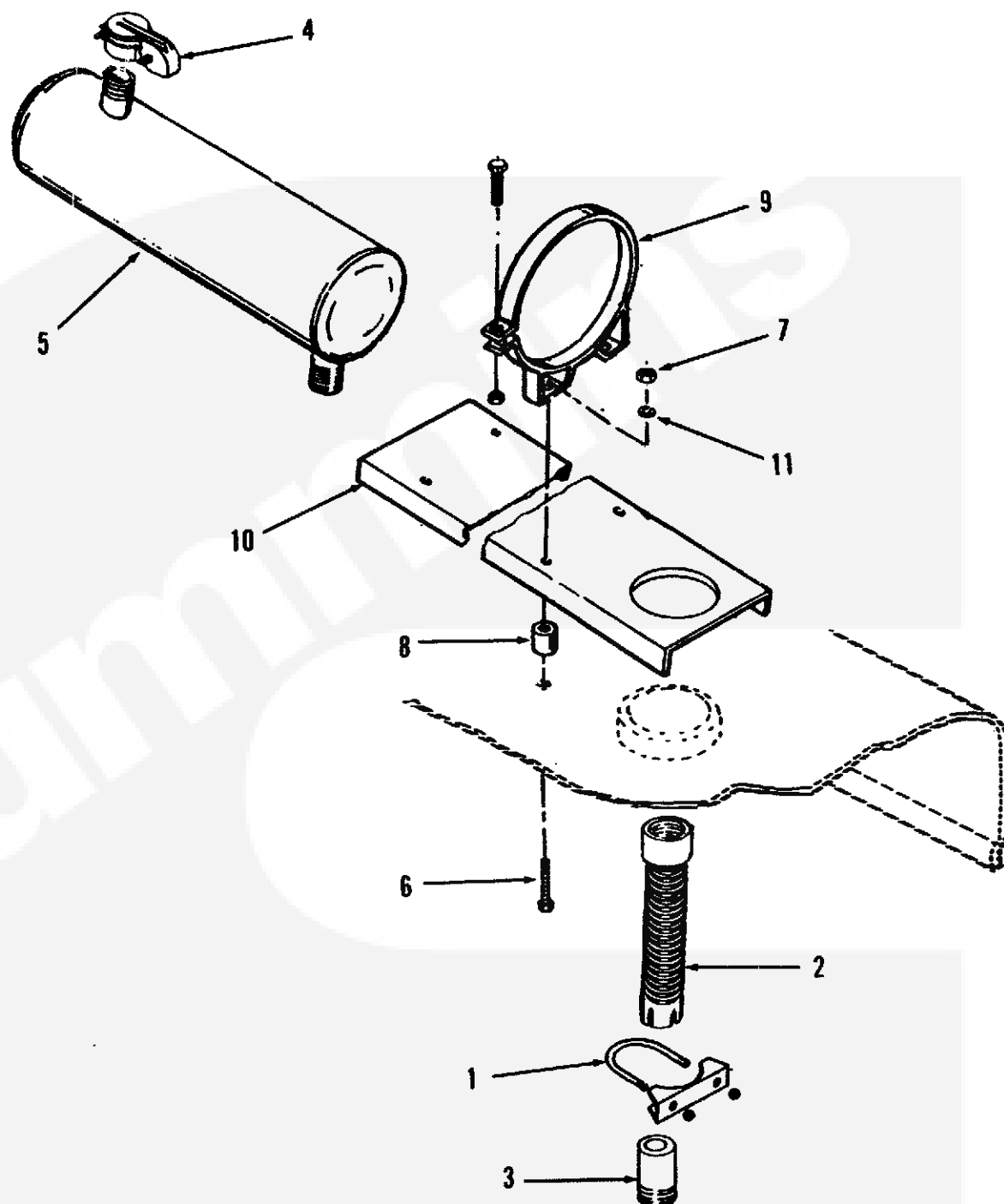
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	526-0032	4	Washer, Flat (7/16")
6	154-2500	1	Manifold, Exhaust Left Side
	154-2499	1	Manifold, Exhaust Right Side

Muffler ENA, ENB, ENC



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-0989	1	Muffler	6	870-0117	4	Nut, Self-Locking (7/16-14)
2	140-0757	2	Clamp	7	526-0032	4	Washer, Flat (7/16")
3	155-0997	1	Shield, Heat - Muffler	8	155-2218	1	Tube, Exhaust
4	155-1430	4	Spacer	9	155-2105	1	Clamp, Muffler
5	800-0078	4	Screw, Cap - Hex Head (7/16-14 x 2-3/4")	10	505-0387	1	Nipple, Half

Exhaust Muffler ENAD, ENBA



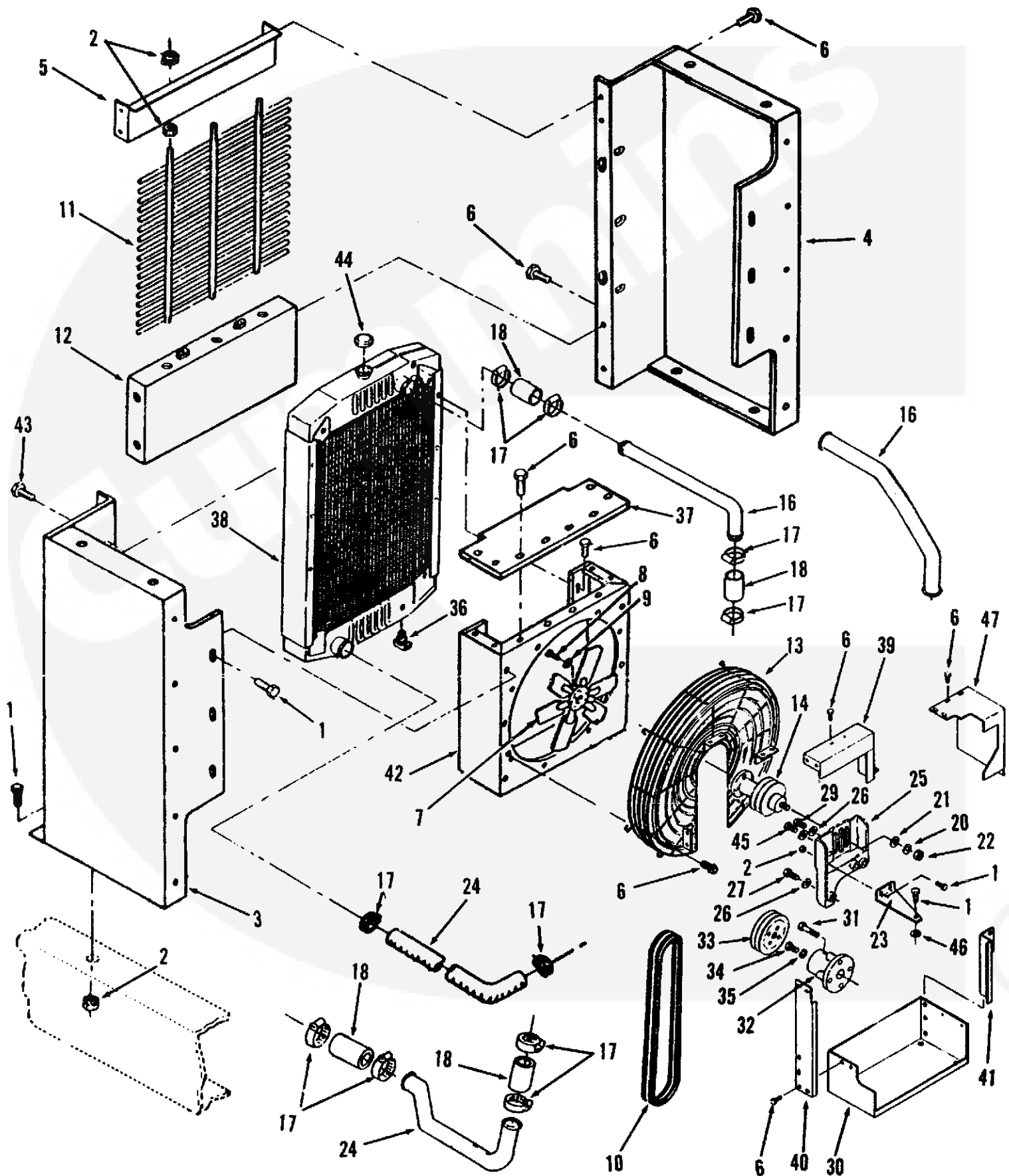
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2105	1	Clamp
2	155-2638	1	Tube, Exhaust
3	505-0387	1	Nipple, Pipe - Half
4	155-2062-07	1	Cap, Rain
5	155-2196-01	1	Muffler, Exhaust
6	800-0057	4	Screw, Cap - Hex Head (3/8-16 x 2-3/4")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	870-0133	4	Nut, Hex (3/8-16)
8	155-1430	4	Spacer
9	155-2198	2	Band, Mounting
10	155-2197	1	Shield, Heat
11	526-0029	4	Washer, Flat (3/8")

Lube Oil System

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	122-0193	1	Filter, Oil	17	503-0547	2	Clamp, Hose
2	503-0446	4	Clamp, Hose	18	503-1097	1	Hose, Rubber (5/8"ID x 34")
3	503-1099	1	Hose, Rubber (1/2"ID x 29")	19	505-0135	2	Nipple, Pipe - Half
4	502-1168	2	Connector, Hose	20	800-0026	2	Screw, Cap - Hex Head (5/16-18 x 3/4")
5	505-0019	2	Bushing, Reducer (1/2NPT x 3/8)	21	850-0045	2	Washer, Lock - Spring (5/16")
6	821-0018	2	Screw, Hex Washer Head - Self-Locking (1/4-20 x .62")	22	121-0036	1	Plate, Return - Oil
7	503-1100	1	Hose (1/2"ID x 23")	23	800-0050	2	Screw, Cap - Hex Head (3/8-16 x 7/8")
8	102-1098	1	Cooler, Oil	24	850-0050	2	Washer, Lock - Spring (3/8")
9	102-1097	1	Adapter Unit (Includes "O" Ring, Housing w/Thermostat and Female/Male Hex Adapter)	25	145-0534	1	Flange, Drain - Oil
10	503-0547	2	Clamp, Hose	26	145-0535	1	Gasket
11	503-0966	1	Hose, Rubber (5/8"ID x 30")	27	127-0423	1	Line, Inlet - Oil
12	505-0135	2	Nipple, Pipe - Half (3/8"NPT x 1-1/2)	28	502-1169	1	Connector, Female (M12 x 5/8-18)
13	504-0030	1	Valve, Cock (3/8"NPT)	29	509-0290-04	1	Seal, "O"Ring
14	502-1013	1	Adapter, Pipe - Hex	30	502-0003	1	Conector, Male - Inverted
15	102-1320	1	Gasket, Drain - Oil	31	505-0039	1	Elbow, Pipe (3/8"NPT x 90")
16	123-1900	1	Tube, Indicator - Oil Level	32	505-0277	1	Nipple, Pipe (3/8 x 1-1/2)
				33	505-0131	1	Bushing, Pipe (3/4 x 3/8)
				34	123-1901	1	Indicator, Level - Oil

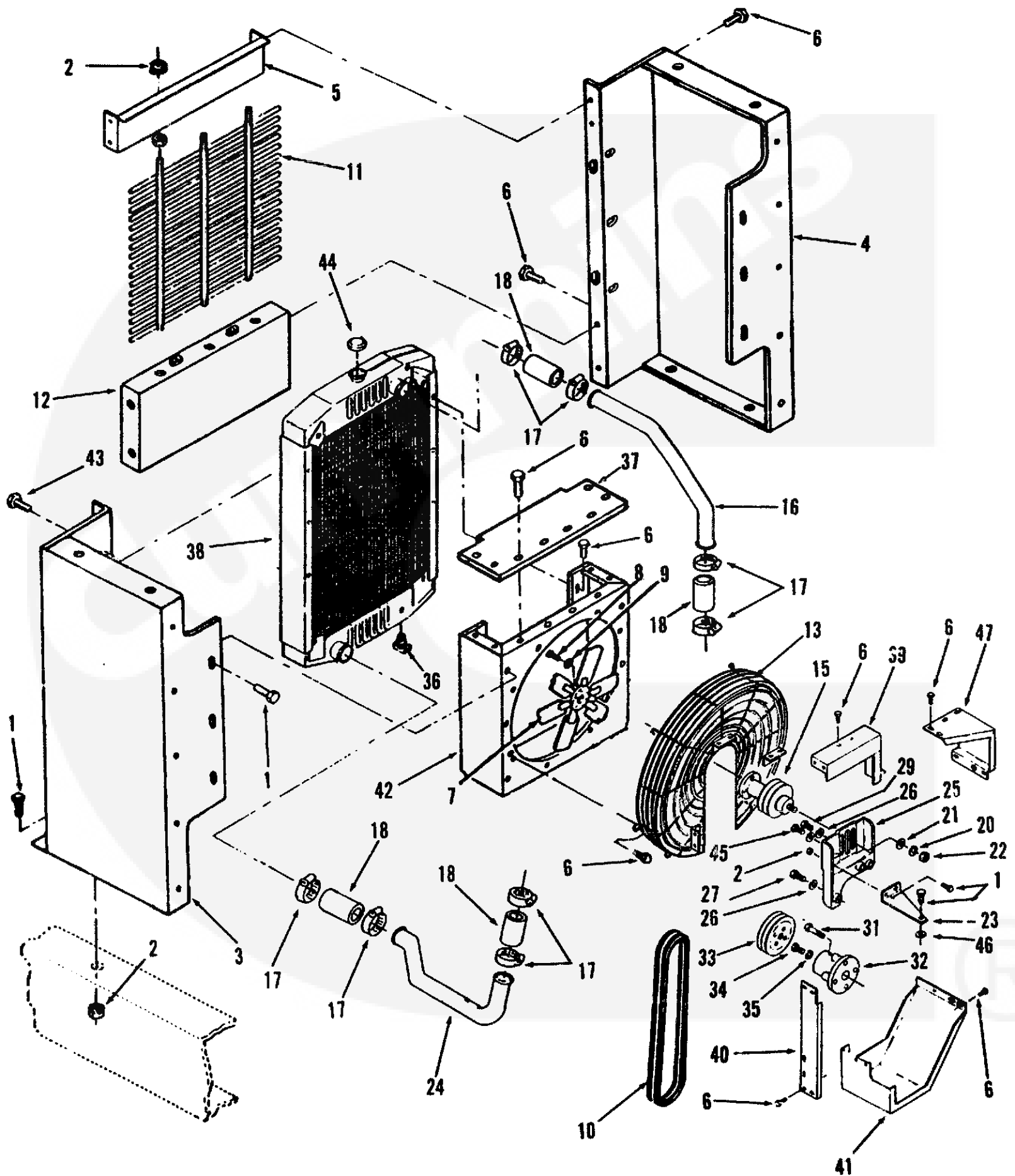
Radiator Cooling System **ENA, ENB, ENC, ENAD**



Radiator Cooling System **ENA, ENB, ENC, ENAD**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0029	17	Screw, Cap - Hex Head (3/8-16 x 3/4")	20	850-0060	1	Washer, Lock (1/2")
2	870-0281	17	Nut, Hex (3/8-16)	21	526-0035	1	Washer, Flat (1/2")
3			Guard, Radiator - Right Hand	22	862-0016	1	Nut, Hex (1/2-13)
	130-3038-01	1	ENA, ENB, ENC	23	130-4058	1	Brace, Drive - Fan
	130-4047-01	1	ENAD	24			Hose, Radiator - Lower
4			Guard, Radiator - Left Hand		503-1558	1	ENA, ENB, ENC
	130-3038-02	1	ENA, ENB, ENC		130-1999	1	ENAD
	130-4047-02	1	ENAD	25	130-3967	1	Bracket, Drive - Fan
5			Support, Grille	26	850-0050	5	Washer, Lock (3/8")
	130-3039	1	ENA, ENB, ENC	27	800-0051	2	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
	130-4049	1	ENAD	28	191-0864	1	Spacer
6	821-0018	51	Screw, Cap - Hex Head (1/4-20 x 5/8")	29	800-0050	2	Screw, Cap - Hex Head (3/8-16 x 1")
7			Fan, Radiator	30	130-4056	1	Guard, Belt
	130-0428	1	ENA, ENB, ENC	31	800-0055	4	Screw, Cap - Hex Head (3/8-16 x 2-1/4")
	130-1997	1	ENAD	32	130-0968	1	Adapter, Pulley
8	800-0028	4	Screw, Cap - Hex Head (5/16-18 x 1")	33	104-1673	1	Pulley, Crankshaft (6"OD)
9	850-0045	4	Washer, Lock (5/16")	34	800-0023	4	Screw, Cap - Hex Head (1/4-20 x 1-3/8")
10	511-0153	1	Belt, Vee (Matched Set)	35	850-0040	4	Washer, Lock (1/4")
11			Grille	36	504-0003	1	Cock, Drain (1/4-18NPT)
	130-3088	1	ENA, ENB, ENC	37			Shroud, Fan
	130-4050	1	ENAD		130-3138	2	ENA, ENB, ENC
12			Support, Grille		130-4052	2	ENAD
	130-3037	1	ENA, ENB, ENC	38			Radiator
	130-4048	1	ENAD		130-3144	1	ENA, ENB, ENC
13	130-4055	1	Guard, Fan		130-3567	1	ENAD
14	130-2983	1	Hub & Pulley Assembly	39	130-4053	1	Guard, Belt
	130-0972	1	Collar, Hub - Fan	40	130-4057	1	Guard, Belt
	518-0348	2	Ring, Retaining - Internal	41	130-4054	1	Bracket, Guard - Belt
	821-0011	4	Screw, Hex - Self-Locking (1/4-20 x 7/8")	42			Wrapper, Shroud
	512-0170	1	Pulley, Fan (5"OD)		130-4061	1	ENA, ENB, ENC
	130-0970	1	Bearing, Hub - Fan		130-4052	1	ENAD
	130-0969	1	Hub, Drive - Fan	43	821-0028	16	Screw, Cap - Hex Head (3/8-16 x 1/2")
16			Tube, Inlet - Radiator	44	130-1788	1	Cap, Radiator
	130-3041	1	ENA, ENB, ENC	45	800-0052	1	Screw, Cap - Hex Head (3/8-16 x 1-1/2")
	130-4059	1	ENAD	46	526-0030	1	Washer, Flat (3/8")
17	503-0365	6	Clamp, Hose	47	130-4060	1	Guard, Belt
18	503-1554	2	Hose, Radiator				
19	821-0016	2	Screw, Hex Head - Self-Locking (5/16-18 x 3/4")				

Radiator Cooling System **ENBA**

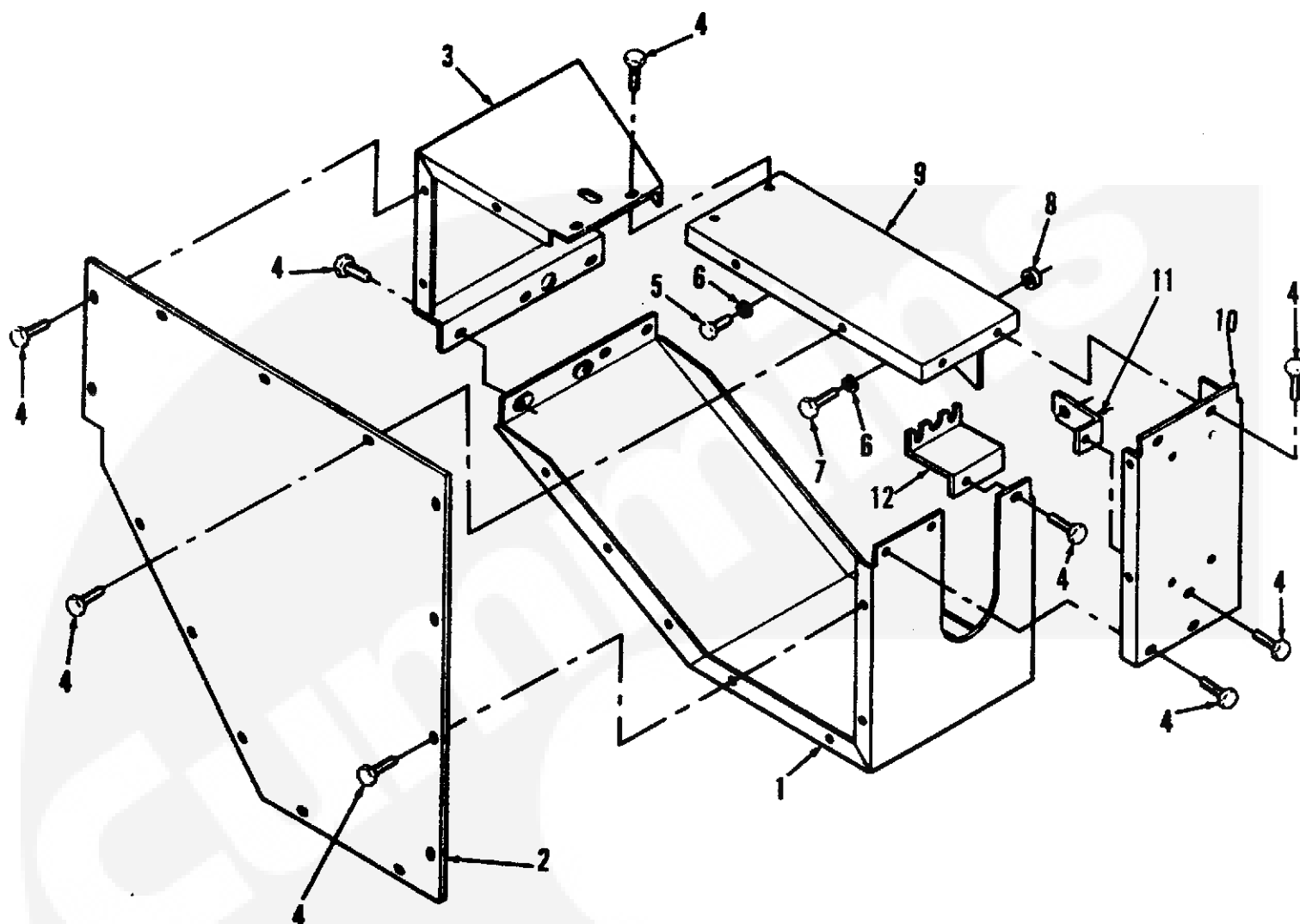


Radiator Cooling System **ENBA**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0029	17	Screw, Cap - Hex Head (3/8-16 x 3/4")	20	850-0060	1	Washer, Lock - Spring (1/2)
2	870-0281	17	Nut, Self-Locking - Hex Washer Head (3/8-16)	21	526-0035	1	Washer, Flat (1/2)
3	130-4047-01	1	Guard, Radiator (Right Hand)	22	862-0016	1	Nut, Hex (1/2-13)
4	130-4047-02	1	Guard, Radiator (Left Hand)	23	130-4058	1	Brace, Bracket - Fan Drive
5	130-4049	1	Support, Grille	24	130-1999	1	Hose, Radiator - Lower
6	821-0018	42	Screw, Cap - Hex Head (1/4-20 x 5/8")	25	130-3967	1	Bracket, Drive - Fan
7	130-1997	1	Fan, Radiator	26	850-0050	3	Washer, Lock - Spring (3/8)
8	800-0028	4	Screw, Cap - Hex Head (5/16-18 x 1")	27	800-0051	1	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
9	850-0045	4	Washer, Lock - Spring (5/16)	29	800-0050	1	Screw, Cap - Hex Head (3/8-16 x 1")
10	511-0153	1	Belt, Vee (Matched Set)	31	800-0055	4	Screw, Cap - Hex Head (3/8-16 x 2-1/4")
11	130-4050	1	Grille Assembly	32	130-0968	1	Adapter, Pulley
12	130-4048	1	Support, Grille	33	104-1673	1	Pulley, Crankshaft (6" O.D.)
13	130-4055	1	Guard, Fan	34	800-0023	4	Screw, Cap - Hex Head (1/4-20 x 1-3/8")
15	130-2983	1	Hub and Pulley Assembly (Includes the following non-illustrated parts marked *)	35	850-0040	4	Washer, Lock - Spring (1/4)
	130-0972	1	*Collar, Hub - Fan	36	504-0003	1	Cock, Drain (1/4-18 NPT)
	518-0348	2	*Ring, Retaining - Internal	37	130-4052	2	Shroud, Fan
	821-0011	4	*Screw, Self-Locking - Hex Washer Head (1/4-20 x 7/8")	38	130-3567	1	Radiator
	512-0170	1	*Pulley, Fan (5" O.D.)	39	130-4053	1	Guard, Belt
	130-0970	1	*Bearing, Hub - Fan	40	130-4057	1	Guard, Belt
	130-0969	1	*Hub, Drive - Fan	41	130-4065	1	Bracket, Guard - Belt
16	130-4059	1	Tube, Inlet - Upper Radiator	42	130-4051	1	Wrapper, Shroud - Fan
17	503-0365	8	Clamp, Hose	43	821-0028	16	Screw, Cap - Hex Head (3/8-16 x 1/2")
18	503-1554	4	Hose	44	130-1788	1	Cap, Radiator
19	821-0016	2	Screw, Self-Locking - Hex Washer Head (5/16-18 x 3/4")	45	800-0052	1	Screw, Cap - Hex head (3/8-16 x 1-1/2)
				46	526-0030	1	Washer, Flat (3/8)
				47	130-4062	1	Guard, Belt

* - Parts included with Hub and Pulley Assembly.

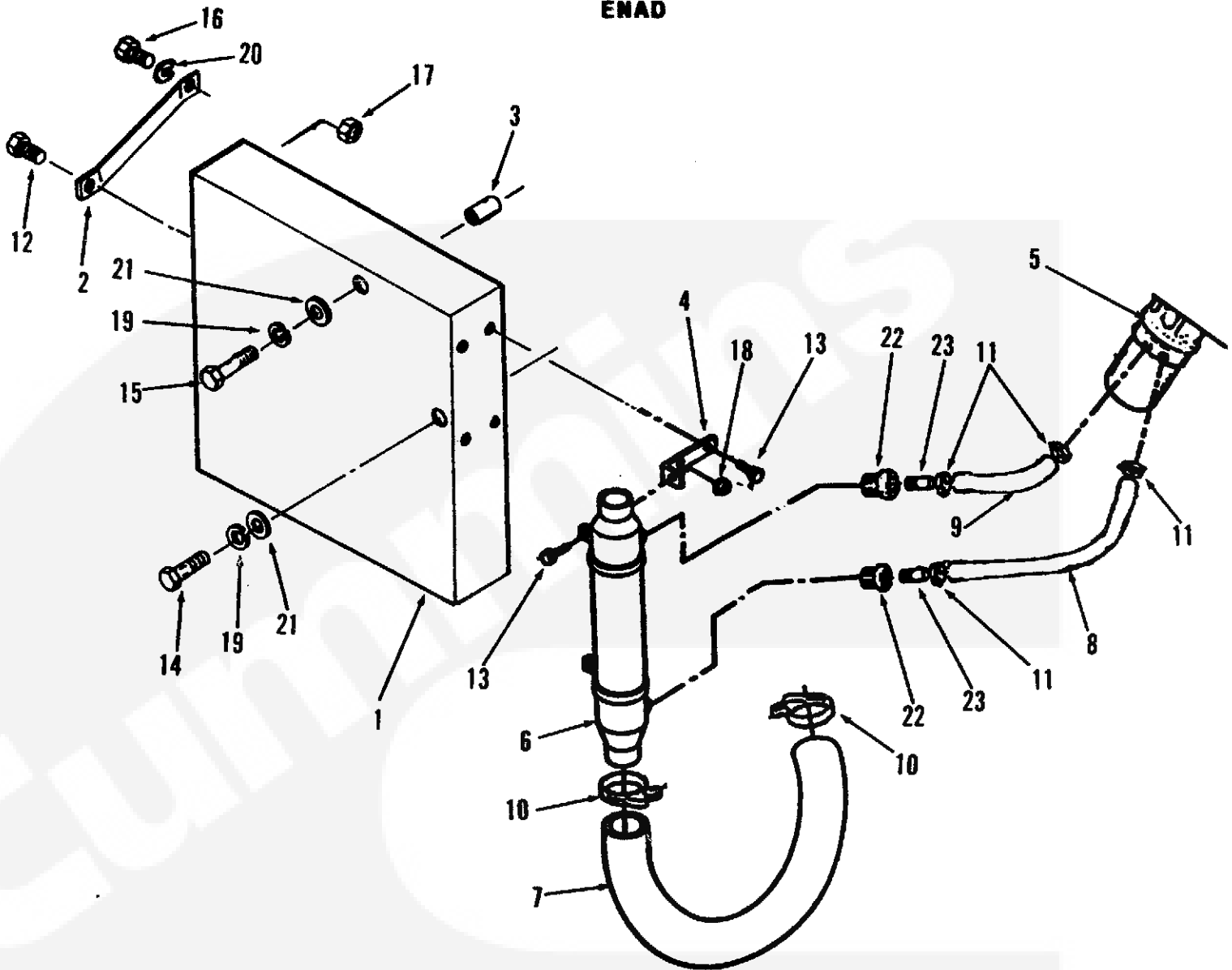
Remote Radiator ENA, ENB, ENC



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-3056	1	Guard, Belt
2	130-3057	1	Cover, Guard - Belt
3	130-3053	1	Guard, Belt
4	821-0010	26	Screw, Cap - Hex Head (1/4-20 x 1/2")
5	800-0050	1	Screw, Cap - Hex Head (3/8-16 x 1")
6	850-0050	2	Washer, Lock - Spring (3/8")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	850-0051	1	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
8	191-0864	1	Spacer
9	130-3055	1	Guard, Belt
10	130-3054	1	Guard, Belt
11	130-3003	1	Bracket, Guard - Belt
12	130-3002	1	Bracket, Guard - Belt

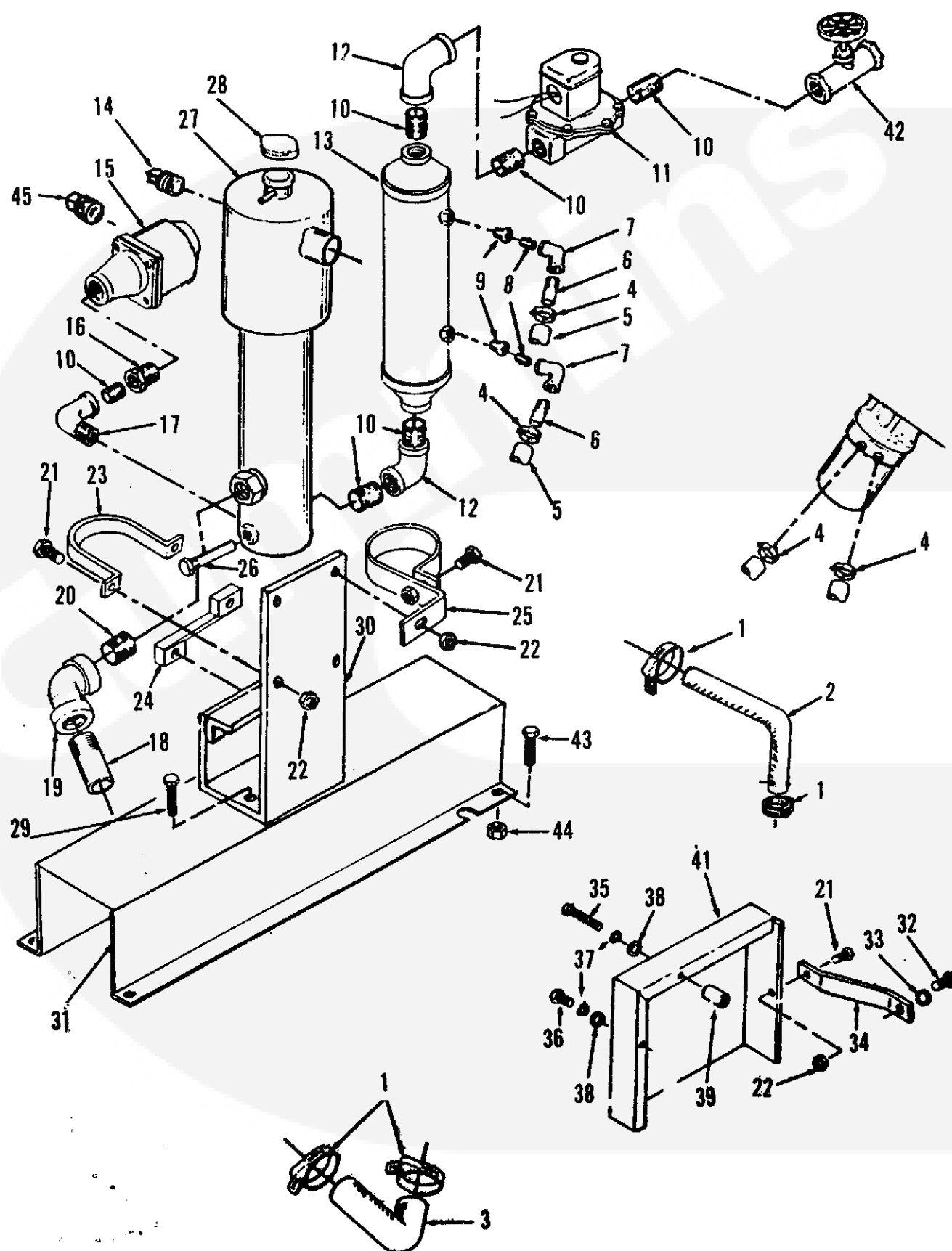
Remote Radiator ENAD



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-1050	1	Guard, Belt
2	130-1008	1	Strap, Guard - Belt
3	130-1009	1	Spacer, Guard - Belt
4	102-1244	2	Bracket, Cooler - Oil
5	102-1097	1	Adapter, Cooler - Oil
6	102-1238	1	Cooler, Oil
7	503-0753	1	Hose, Radiator - Flex
8	503-1101	1	Hose, Oil (12")
9	503-1101	1	Hose, Oil (24")
10	503-0274	2	Clamp, Hose
11	503-0446	4	Clamp, Hose
12	821-0011	1	Screw, Hex Head - Self-Locking (1/4-20 x .88")
13	821-0029	6	Screw, Hex Head - Self-Locking (3/8-16 x 3/4")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
14	800-0051	1	Screw, Hex Head - Self-Locking (3/8-16 x 1-1/4")
15	800-0056	1	Screw, Hex Head - Self-Locking (3/8-16 x 2-1/2")
16	800-0069	1	Screw, Hex Head - Self-Locking (7/16-14 x 3/4")
17	870-0212	1	Nut, Hex (1/4-20)
18	870-0281	2	Nut, Hex (3/8-16)
19	850-0050	2	Washer, Lock (3/8")
20	850-0055	1	Washer, Lock (7/16)
21	526-0174	2	Washer, Flat (3/8")
22	505-0018	2	Bushing, Reducer (1/8 x 1/4)
23	505-0302	2	Nipple, Half (1/4 x 1-1/2)

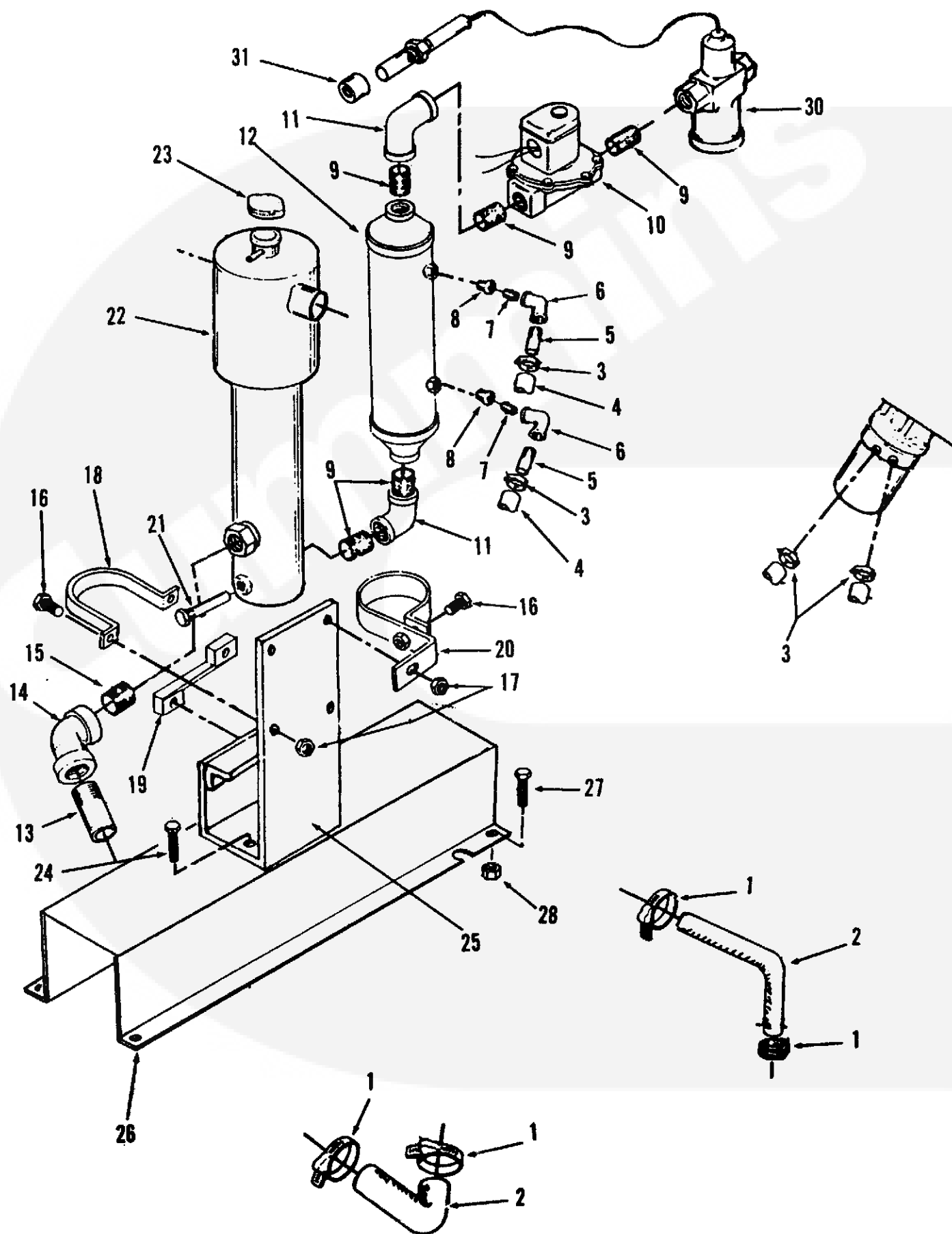
Cooling System Heat Exchanger ENAD



Cooling System Heat Exchanger ENAD

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-0274	4	Clamp, Hose	23	130-0802	2	Strap, Holddown
2	503-0846	1	Hose, Rubber - Lower (2"ID x 20")	24	130-1112	1	Strap, Support
3	503-0753	1	Hose, Rubber - Upper (2"ID x 24")	25	102-1159	1	Support, Cooler - Oil
4	503-0446	4	Clamp, Hose	26	130-1340	1	Pencil, Zinc (3/8"NPT)
5	503-1099	2	Hose, Rubber (1/2"ID x 29")	27	130-2162	1	Exchanger, Head (Includes Cap)
6	505-0302	2	Nipple, Pipe - Half (1/4"NPT x 1-1/2")	28	130-0661	1	Cap, Exchanger - Heat (7 PSI)
7	505-0038	2	Elbow, Pipe - 90° (1/4"NPT)	29	821-0016	3	Screw, Hex Washer Head - Self-Locking (5/16-18 x 3/4")
8	505-0099	2	Nipple, Pipe - Close (1/4"NPT x 7/8")	30	130-1110	1	Bracket, Mounting
9	505-0018	2	Bushing, Reducer - Hex (1/2"NPT x 1/4"NPT)	31	130-3151	1	Bracket, Mounting - Heat Exchanger
10	505-0102	6	Nipple, Pipe (3/4"NPT x 1-3/8")	32	800-0069	1	Screw, Cap - Hex Head (7/16-14 x 3/4")
11	307-0835	1	Valve, Solenoid - 12VDC	33	850-0055	1	Washer, Lock - Spring (7/16")
12	505-0132	2	Elbow, Pipe - 90° (3/4"NPT)	34	130-1008	1	Strap
13	102-1114	1	Cooler, Oil	35	800-0056	1	Screw, Cap - Hex Head (3/8-16 x 2-1/2")
14	505-0130	2	Plug, Pipe (3/4"NPT)	36	800-0051	1	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
15	505-1301	1	Valve, Control - Temperature Regulating (1"NPT)	37	850-0050	2	Washer, Lock - Spring (3/8")
16	505-0129	1	Bushing, Reducer - Hex (1"NPT x 3/4"NPT)	38	526-0174	2	Washer, Flat (3/8")
17	505-0051	1	Elbow, Pipe - Street (90°) (3/4"NPT)	39	130-1009	1	Spacer, Sleeve
18	505-0385	1	Nipple, Pipe - Half (1-1/2"NPT x 2")	41	130-1050	1	Guard, Belt
19	505-0043	1	Elbow, Pipe - 90° (1-1/2"NPT)	42	504-0046	1	Valve, Globe (3/4"NPT)
20	505-0109	1	Nipple, Pipe (1-1/2"NPT x 2-1/5")	43	148-0274	2	Bracket, "J"
21	821-0011	7	Screw, Hex Washer Head - Self-Locking (1/4-20 x 7/8")	44	821-0029	4	Screw, Hex Head - Self-Locking (3/8-16 x 3/4")
22	870-0212	7	Nut, Hex Washer Head - Self- Locking (1/4-20)	45	870-0281	4	Nut, Lock (3/8-16)
				46	505-0140	1	Plug, Square Head (1")

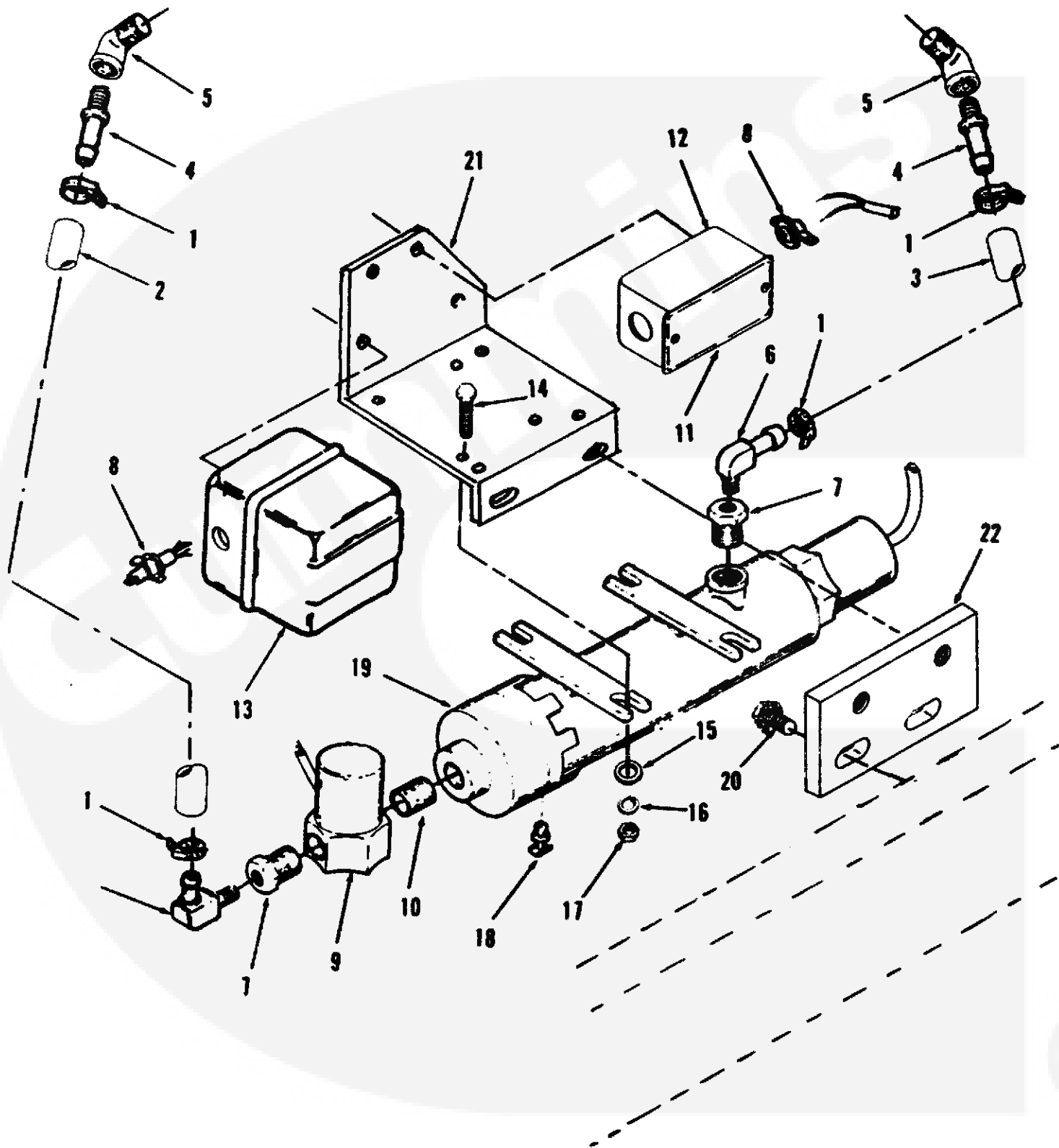
Cooling System Heat Exchanger ENBA



Cooling System Heat Exchanger ENBA

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-0274	2	Clamp, Hose	16	821-0011	6	Screw, Hex Washer Head - Self-Locking (1/4-20 x 7/8")
2	503-0753	2	Hose, Rubber	17	870-0212	6	Nut, Hex Washer Head - Self-Locking (1/4-20)
3	503-0446	4	Clamp, Hose	18	130-0802	2	Strap, Holddown
4	503-1101	2	Hose, Oil	19	130-1112	1	Strap, Support
5	505-0302	2	Nipple, Pipe - Half (1/4"NPT x 1-1/2")	20	102-1159	1	Support, Cooler - Oil
6	505-0038	2	Elbow, Pipe - 90° (1/4"NPT)	21	130-1340	1	Pencil, Zinc (3/8"NPT)
7	505-0099	2	Nipple, Pipe - Close (1/4"NPT x 7/8")	22	130-2162	1	Exchanger, Head (Includes Cap)
8	505-0018	2	Bushing, Reducer - Hex (1/2"NPT x 1/4"NPT)	23	130-0661	1	Cap, Exchanger - Heat (7 PSI)
9	505-0102	6	Nipple, Pipe (3/4"NPT x 1-3/8")	24	821-0010	8	Screw, Hex Washer Head - Self-Locking (5/16-18 x 3/4")
10	307-0835	1	Valve, Solenoid - 12VDC	25	130-1110	1	Bracket, Mounting
11	505-0132	2	Elbow, Pipe - 90° (3/4"NPT)	26	130-3151	1	Bracket, Mounting
12	102-1114	1	Cooler, Oil	27	821-0029	5	Screw, Hex Head - Self-Locking (3/8-16 x 3/4")
13	505-0385	1	Nipple, Pipe - Half (1-1/2"NPT x 2")	28	870-0281	4	Nut, Lock (3/8-16)
14	505-0043	1	Elbow, Pipe - 90° (1-1/2"NPT)	29	503-1101	1	Hose, Oil (18")
15	505-0109	1	Nipple, Pipe (1-1/5"NPT x 2-1/5")	30	309-0241	1	Valve, Temperature - Water
				31	505-0029	1	Coupling (3/4")

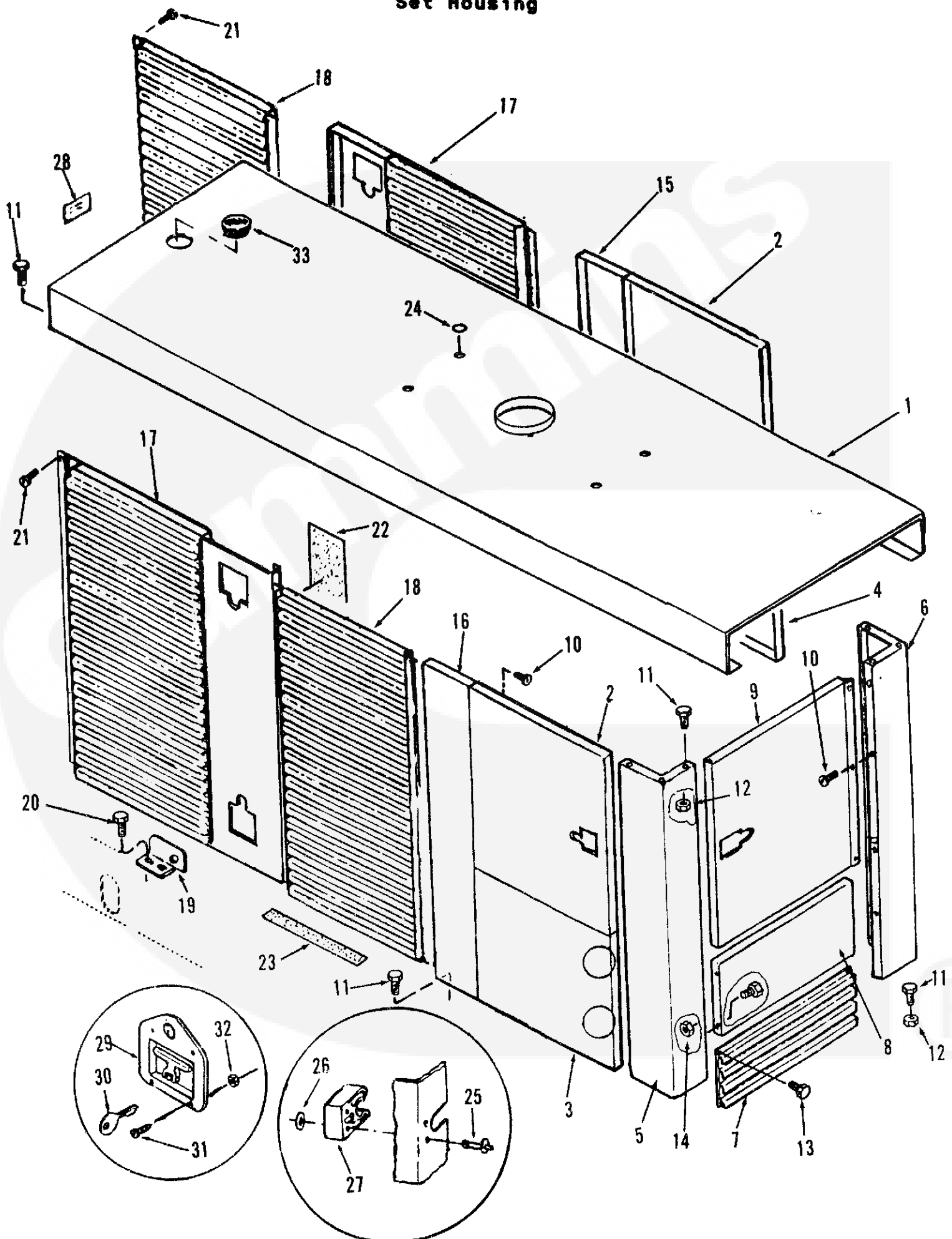
Water Heater



Water Heater

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-0183	4	Clamp, Hose	15	526-0018	4	Washer, Flat (1/4")
2	503-0386	-	Hose, Bulk (3 Ft Required)	16	850-0040	4	Washer, Lock - Spring (1/4")
3	503-0386	-	Hose, Bulk (1 Ft Required)	17	862-0001	4	Nut, Hex (1/4-20)
4	502-0613	2	Connector, Hose	18	504-0003	1	Cock, Drain
5	502-0156	2	Elbow, Pipe - Street, 45 DEG	19			Heater, Electrical - 2000 Wat
6	502-0942	2	Connector, Hose - 90 DEG		333-0158	1	115 VAC, 1 Phase
7	505-0455	2	Bushing, Reducer - Hex		333-0167	1	208 VAC, 1 Phase
8	331-0027	2	Clamp, Cable		333-0141	1	230 VAC, 1 Phase
9	309-0304	1	Switch, Thermostatic		333-0147	1	480 VAC, 1 Phase
10	505-0004	1	Nipple, Pipe - Close		333-0148	1	208 VAC, 3 Phase
11	330-0004	1	Cover		333-0146	1	440 VAC, 3 Phase
12	330-0005	1	Box		333-0146	1	480 VAC, 3 Phase
	812-0100	2	Screw, Machine - Round Head (#10-24 x 1/2")	20	821-0029	4	Screw, Self-locking - Hex Washer Head (3/8-16 x 3/4")
	850-0030	2	Washer, Lock - Spring (#10)	21	130-2851	1	Bracket, Mounting
	860-0011	2	Nut, Hex (#10-24)	22	130-2850	1	Plate, Mounting
13	307-1164	1	Contactor				Terminals (Not Illustrated)
	812-0100	2	Screw, Machine - Round Head (#10-24 x 1/2")		332-0014	2	Terminal - #10
	850-0030	2	Washer, Lock - Spring (#10)		332-0149	5	Terminal - #8
	860-0011	2	Nut, Hex (#10-24)		323-0957	2	Nut, Wire
14	800-0006	4	Screw, Cap - Hex Head (1/4-20 x 3/4")				

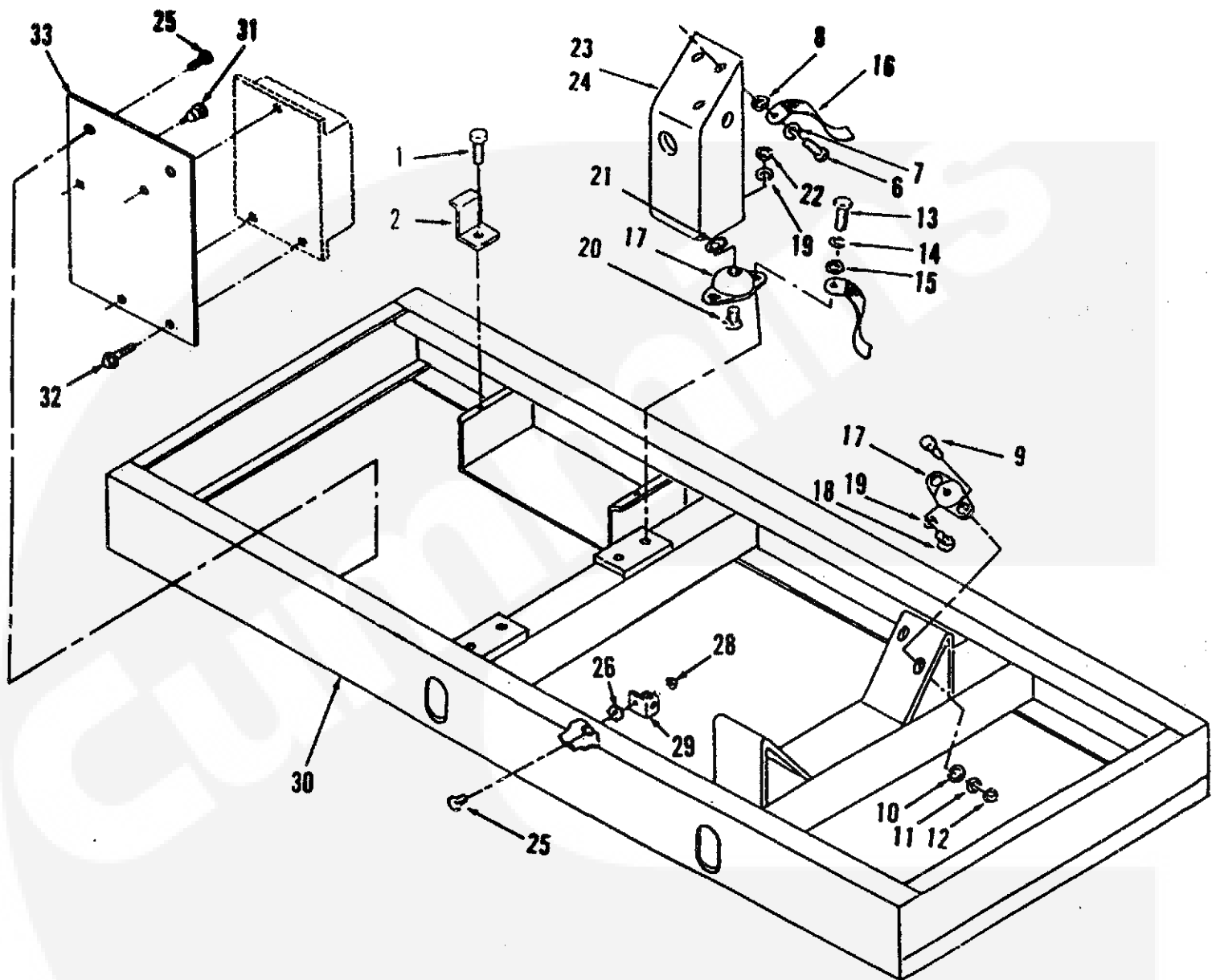
Set Housing



Set Housing

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Top, Housing	16			Post, Housing - Center (RH)
	405-4577	1	ENA, ENB, ENC		405-4575-01	1	ENA, ENB, ENC
	405-4569	1	ENAD, ENBA		405-4567-02	1	ENAD, ENBA
2	405-3950	2	Door, Housing - Side	17	405-4566	2	Door, Housing with Grille
3	405-3984	1	Door, Access - Right Side (Includes Door Clips)	18	405-4565	2	Door, Housing with Grille
4	405-3985	1	Door, Access - Left Side (Includes Door Clips)	19	405-3980	2	Stop, Door
5	405-3859-01	1	Post, Housing - Rear (RH)	20	815-0236	4	Screw, Hex Head - Thd Forming (5/16-18 x .62")
6	405-3859-02	1	Post, Housing - Rear (LH)	21	819-1102	10	Screw, Pan Head - Cross-Rec (5/16-18 x 1/2")
7	405-3833	1	Grille	22	128-0158	6	Insulation, Foam
8	405-3828	1	Panel, Housing - Rear	23	128-0110	2	Insulation, Foam
9	405-3952	1	Door, Control	24	517-0061	4	Plug, Plastic
10	819-1083	15	Screw, Pan Head (1/4-20 x 7/16")	25	818-0150	8	Rivet, Drive
11	821-0029	22	Screw, Self-Locking (3/8-16 x 3/4")	26	526-0003	8	Washer, Flat
12	870-0281	18	Nut, Hex - Self-Locking (3/8-16)	27	405-1872	4	Clip, Door
13	821-0014	8	Screw, Hex Head - Self-Locking (5/16-18 x 1/2")	28	98-5429	2	Decal, "Coolant Fill"
14	870-0257	4	Nut, Hex - Self-Locking (5/16-18)	29	406-0626	7	Handle, Door (Includes Key)
15			Post, Housing - Center (LH)	30	406-0639	1	Key, Handle - Door
	405-4575-02	1	ENA, ENB, ENC	31	815-0607	28	Screw, Machine - Oval Head (#8-32 x 3/8")
	405-4567-01	1	ENAD, ENBA	32	870-0235	28	Nut, Hex - Self-Locking (#8-32)
				33	517-0138-09	1	Plug

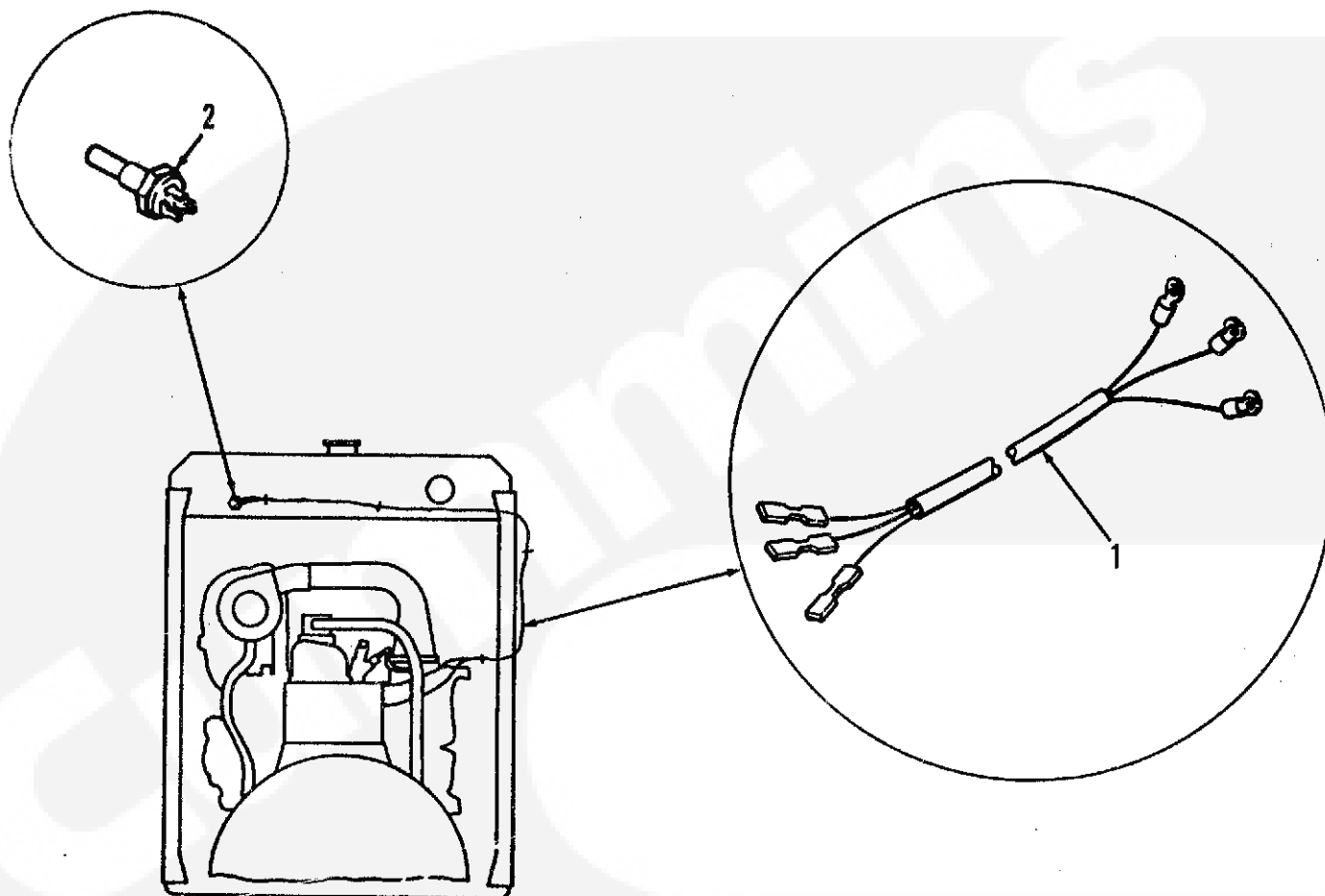
Chassis



Chassis

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	800-0048	1	Screw, Cap - Hex Head (3/8-16 x 3/4")	21	526-0238	2	Washer, Flat (3/4")
2	416-0984	1	Bracket, Battery	22	862-0008	2	Nut, Hex (3/4-10)
6	800-0071	6	Screw, Cap - Hex Head (7/16-14 x 1")	23	403-2505-01	1	Bracket, Mounting - Engine Right Side
7	850-0055	6	Washer, Lock - Spring (7/16")	24	403-2505-02	1	Bracket, Mounting - Engine Left Side (Not Illustrated)
8	856-0013	6	Washer, Lock - EIT (7/16")	25	800-0026	3	Screw, Cap - Hex Head (5/16-18 x 3/4")
9	800-0071	4	Screw, Cap - Hex Head (7/16-14 x 1")	26	856-0008	1	Washer, Lock - EIT (5/16")
10	526-0219	4	Washer, Flat (7/16")	27	850-0045	1	Washer, Lock - Spring (5/16")
11	850-0055	5	Washer, Lock - Spring (7/16")	28	870-0257	1	Nut, Self-locking - Hex Washer Head (5/16-18)
12	862-0004	4	Nut, Hex (7/16-14)	29	332-1473	1	Terminal, Lug - Ground Skid
13	800-0090	4	Screw, Cap - Hex Head (1/2-13 x 1")	30	403-3329	1	ENA, ENB, ENC
14	850-0060	4	Washer, Lock - Spring (1/2")		403-3318	1	ENAD, ENBA
15	856-0013	2	Washer, Lock - EIT (1/2")	31	870-0196	1	Nut Insulation
16	337-0090	1	Strap, Electrical - Ground	32	821-0018	5	Screw, Lockhead (1/4-20 x 5/8")
17	402-0371	4	Mount, Vibration	33	166-0773	1	Bracket, Ignition Module
18	800-0520	2	Screw, Cap - Hex Head (3/4-10 x 1")				
19	850-0079	4	Washer, Lock - Spring (3/4")				
20	800-0153	2	Screw, Cap - Hex Head (3/4-10 x 1-1/2")				

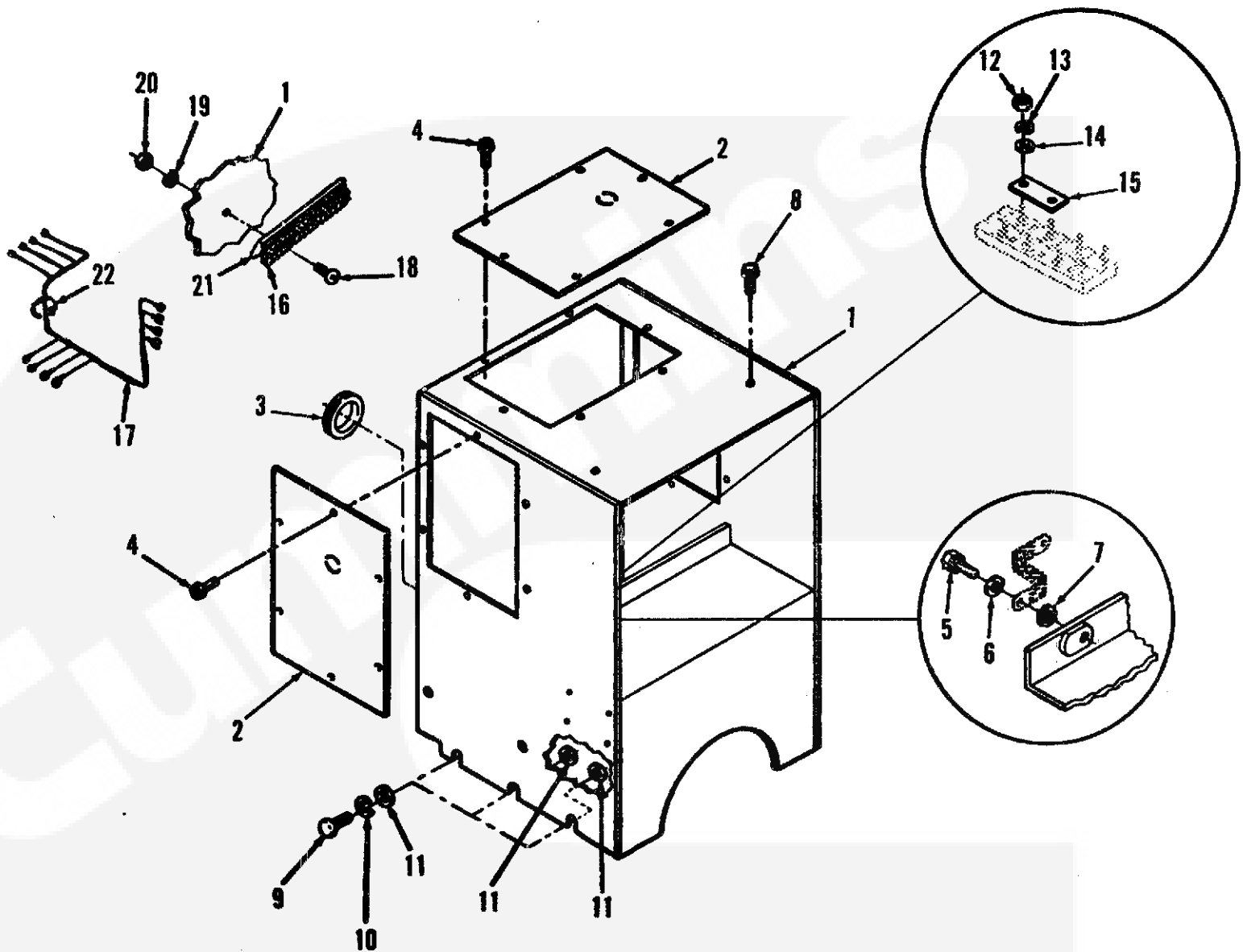
Low Coolant Level



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-1919	1	Harness, Wiring - Low Coolant Level
2	193-0322	1	Sender, Low Coolant

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
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Control Housing



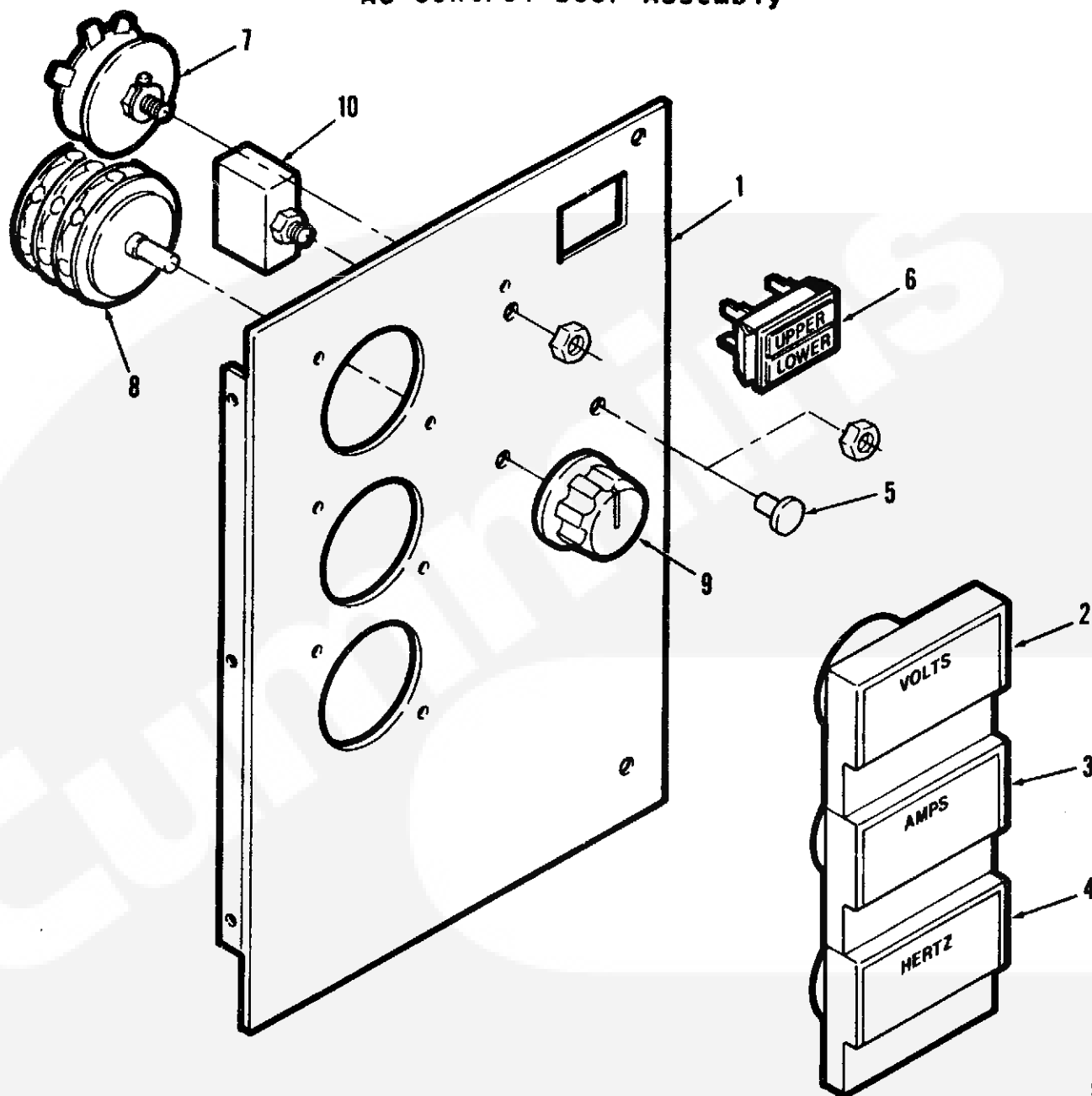
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-1189	1	Box, Mounting - Control	10	850-2010	6	Washer, Lock-Spring
	319-1193	1	UC22 Generator		850-2012	6	M10 (UC22 Generator)
2	301-3156	3	Panel, Box - Control Mounting	11	526-2120	8	M12 (UC27 Generator)
3	508-0051	1	Grommet		526-2140	8	Washer, Flat
4	815-0350	18	Screw, Hex Head - Slotted (#10-32 x .38")	12	860-2009	8	M10 (UC22 Generator)
5	821-C018	1	Screw, Cap - Locking Head (1/4-20 x .62")	13	850-2010	8	M12 (UC27 Generator)
6	526-0018	1	Washer, Flat (1/4)	14	526-2120	8	Nut, Hex (M10 x 1.5)
7	856-0006	1	Washer, Lock - EIT (1/4)	15	332-2987	4	Washer, Lock - Spring (M10)
8	821-0014	4	Screw, Cap - Locking Head (5/16-18 x 1/2")	16	332-3107	1	Washer, Flat (M10)
9	800-2088	6	Screw, Cap-Hex head M10 x 1.5 x 35mm (UC22 Generator)	17	338-2506	1	Link, Terminal
	800-2112	6	M12 x 1.75 x 30mm (UC27 Generator)	18	812-0085	3	Block, Terminal
				19	850-0025	3	Harness, Wiring
				20	870-0221	3	Screw, Machine - Round Head (#8-32 x 1-1/8")
				21	232-3536	1	Washer, Lock - Spring (#8)
				22	332-1445	4	Nut, Hex - Machine (#8-32)
							Base, Block - Terminal
							Tie, Cable

This exploded view diagram illustrates the assembly of a control panel. The main components include a front panel (40) with various controls like switches (11, 12, 13, 14) and indicator lights (15, 16), a terminal block (20) with wiring (21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39), and a rear panel (41). The diagram shows the internal wiring connections and the placement of various components within the panel's frame. Key parts are labeled with numbers: 1 (screw), 2 (screw), 3 (screw), 4 (screw), 5 (screw), 6 (screw), 7 (screw), 8 (screw), 9 (screw), 10 (screw), 11 (switch), 12 (switch), 13 (switch), 14 (switch), 15 (indicator light), 16 (indicator light), 17 (indicator light), 18 (indicator light), 19 (indicator light), 20 (terminal block), 21 (wire), 22 (wire), 23 (wire), 24 (wire), 25 (wire), 26 (wire), 27 (wire), 28 (wire), 29 (wire), 30 (wire), 31 (wire), 32 (wire), 33 (wire), 34 (wire), 35 (wire), 36 (wire), 37 (wire), 38 (wire), 39 (wire), 40 (front panel), 41 (rear panel), 42 (wire), 43 (wire), 44 (wire), 45 (wire), 46 (wire), 47 (wire), 48 (wire), 49 (wire).

Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	508-0051	1	Grommet (2" Hole)	28	815-0540	4	Screw, Machine - Round Head - Cross Recessed with IT (#8-32 x 1")
5	301-8065	1	Box, Control	29	300-2856	1	Board, Printed Circuit - Alarm Relay (A14)
6	402-0527	4	Isolator, Vibration	30	812-0063	8	Screw, Machine - Round Head (#6-32 x 1/2")
7	800-0045	4	Screw, Cap - Hex Head (5/16-18 x 3/8")	31	853-0003	8	Washer, Lock - ET (#6)
8	850-0045	4	Washer, Lock - Spring (5/16")	32	300-2863	1	Board, Printed Circuit - Alarm Relay (A13)
9	508-0001	1	Grommet (1-1/16" Hole)	33	815-0544	4	Screw, Machine - Round Head - Cross Recessed with IT (#6-32 x 1/2")
10	406-0332	2	Receptacle, Fastener	34	301-8851	1	Bracket, Mounting
11	406-0333	2	Stud, Fastener	35	338-2277	1	Harness, Wiring - DC (Includes Connector Housing and Contact Pins) (DC Door Assembly to Engine Monitor)
12	406-0334	2	Washer, Retainer - Stud	36	323-1308	1	Housing, Connector - 12 Place (J4)
13	332-0052	2	Clip, Wire	37	323-1302	12	Pin, Contact
14	870-0131	6	Nut, Hex - With ET (#10-32)	38	300-2810	1	Monitor, Engine (Includes Fuses) (A11)
15	871-0015	1	Nut, Hex (1/4-20) Grounding Stud	300-2809	1	7 Light Control 12 Volts	
16	853-0013	1	Washer, Lock - ET (1/4") Grounding Stud	300-2811	1	12 Light Control 12 Volts	
17	337-0049	1	Strap, Ground	300-2812	1	12 Light Control 24 Volts	
18	800-0024	1	Screw, Cap - Hex Head (5/16-18 x 1/2")	39	321-0270	2	Fuse 20 Amp (F1,F2)
19	856-0008	1	Washer, Lock - EIT (5/16")		321-0231	1	15 Amp (F3)
20	821-0004	8	Screw, Self-Locking - Hex Washer Head (#10-32 x 5/16")		321-0094	2	5 Amp (F4,F5)
21	332-0607	1	Block, Terminal - 12 Place (TB21)	40	-	1	Door Assembly, Control - AC (See Separate Page for Components)
22	332-2723	1	Strip, Marker - 12 Place	41	-	1	Door Assembly, Control - DC (See Separate Page for Components)
23	812-0065	2	Screw, Machine - Round Head (#6-32 x 5/8")	42			Harness, Wiring - Engine to Control (Includes Grommet, Resistor, Rectifier, Diode, Connector Housing and Sockets)
24	338-2278	1	Harness, Wiring AC Door Assembly to TB21 Terminal Block (Includes TB21 Terminal Block)		338-2786	1	ENBA
	338-1835	1	Alarm Relay (8 Wire) (A13 to A11TB1 and TB2)		338-2787	1	ENA, ENB, ENC, ENAD
	338-1836	1	Alarm Relay (5 Wire) (A14 to A11TB2)		323-1304	1	Housing, Connector 6 Place (J2)
25			Board, Voltage Regulator (VR21) (Also Available from Newage as Part Number E000-24030)		323-1306	1	8 Place (J1)
	305-0824	1	Non-PMG Generator - (Newage Part Number E000-24030)	45	323-1200	11	Socket, Female
	305-0823	1	PMG Generator (Newage Part Number E000-23210)	46	353-0094-01	1	Resistor (R1)
25A	319-0652	1	Plate, Voltage Regulator Mounting - PMG Generator	47	357-0030	1	Rectifier (CR1)
25B	815-0544	6	Screw, Locking Head (#6-32 x 1/2") PMG Generator	48	357-0051	1	Diode (CR2)
26	332-1043	1	Jumper, Terminal (TB21-22 to 21)	49	-	1	Relay, Run (See Separate Page 23 for Components)
27	350-1222	1	Resistor (TB21-32 to 26)				

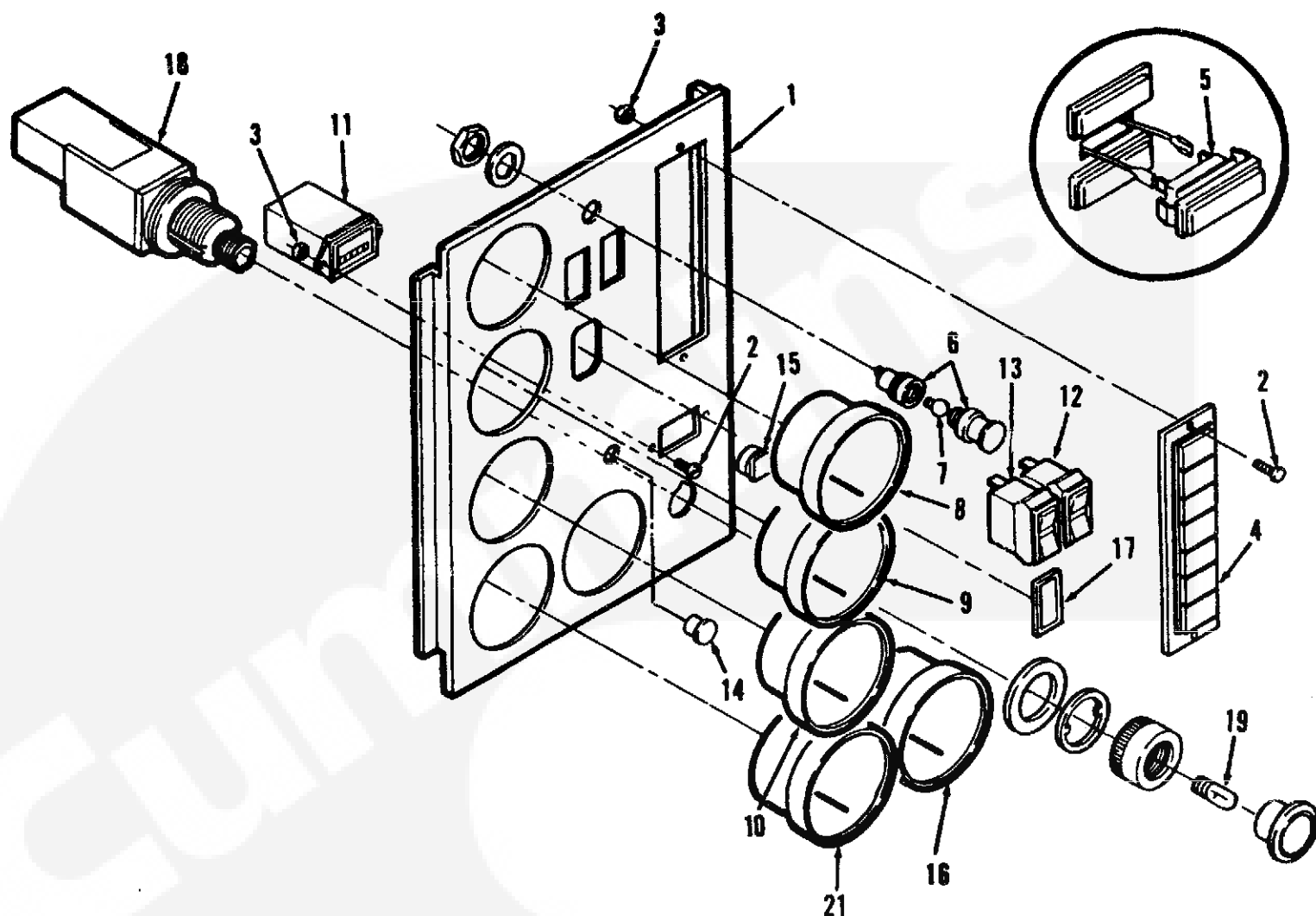
AC Control Door Assembly



928A

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-9054-02	1	Door, Control - AC with Three Round Meter Holes	8	308-0882	1	Switch, Rotary - Voltmeter/ Ammeter (Knob Not Included) (S21)
2	302-1148	1	Voltmeter (M21) 0-300/600	9	303-0032	1	Knob, Switch - Rotary
	302-1753	1	0-750	10	320-1688-01	1	Breaker, Circuit (CB21) without Auxiliary Contact
3			Ammeter (M22)				
	302-1684	1	0-150/300				
	302-1685	1	0-200/400				
4	302-1720	1	Meter, Frequency (M23)				
5	517-0131	1	Plug, Hole (3/8" Hole)				
6	322-0363	1	Light, Indicator - Upper/Lower Scale (DS21, DS22)				
7			Potentiometer, Adjust - Voltage (R21)				
	303-0261	1	1.5K Ohms (Used with Model SX440 Voltage Regulator) (Non-PMG Generator)				
	303-0285	1	5K Ohms (Used with Model MX321 Voltage Regulator) (PMG Generator)				

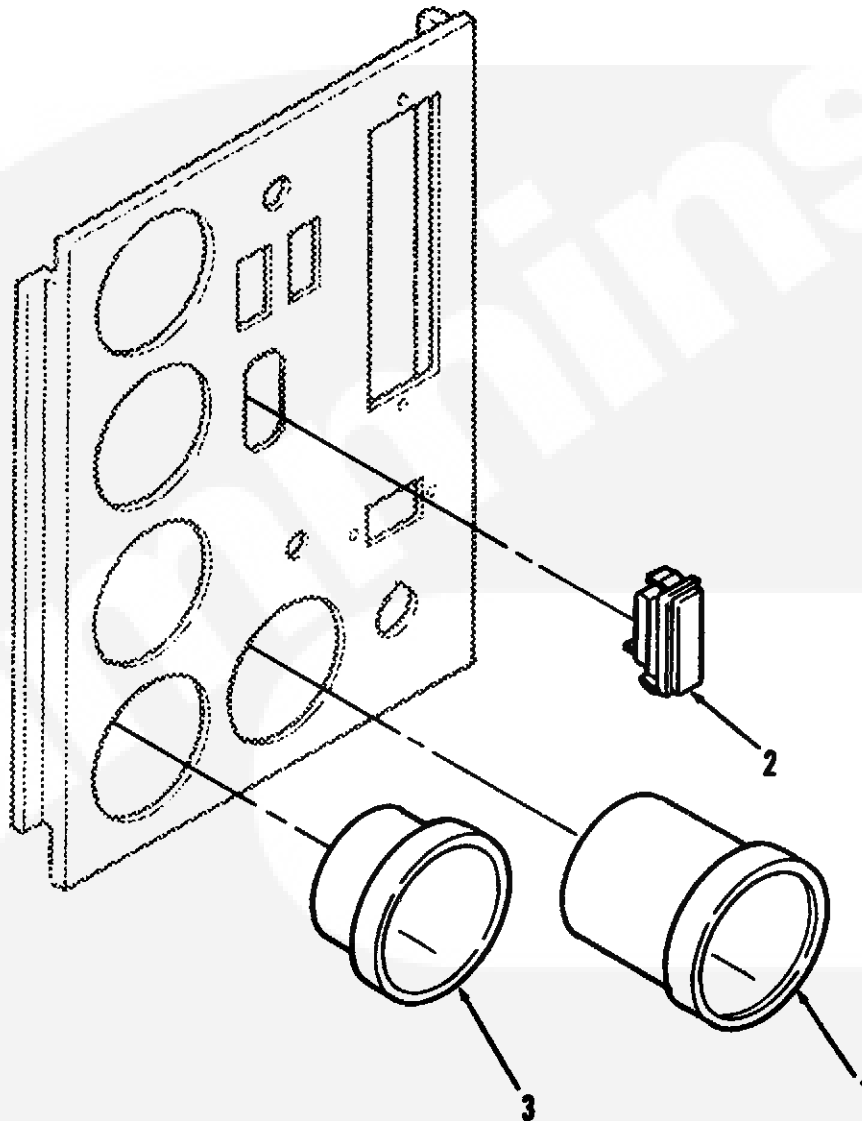
DC Control Door Assembly



800B

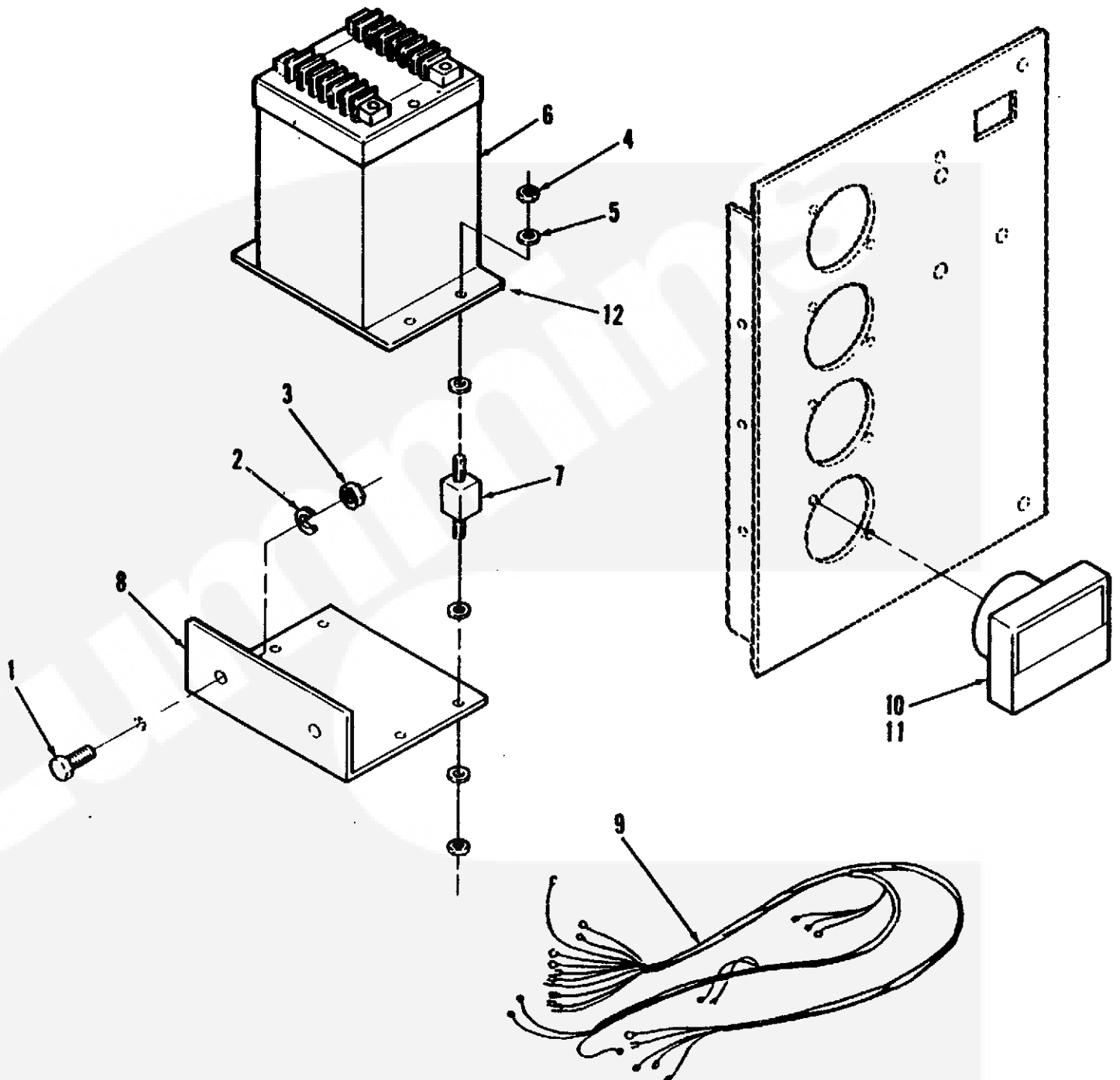
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-9055-02	1	Door, Control - DC Doors With Three Round Gauge Holes	11	302-0885	1	Meter, Time Totalizing (M14)
2	815-0385	4	Screw, Machine - Round Head (#6-32 x 1/2")	12	308-0892	1	Switch, Rocker - Restart/ Panel Light (S11)
3	870-0183	4	Nut, Hex - With ET (#6-32)	13	308-0784	1	Switch, Rocker - Run/Stop/ Remote (S12)
4			Light Assembly, Indicator (Includes Wiring Harness and Connector Housing) (A12)	14	517-0131	1	Plug, Hole (3/8" Hole)
	322-0360-02	1	12 Light Assembly	15	193-0250	3	Resistor (Mounted on Oil Pressure, Oil Temperature Gauges, and Water Temperature Gauges) (R11, R12, R13)
5	322-0369-02	1	Light, Indicator - Replacement	16	302-1723	1	Ammeter - Blank Scale
6	322-0361	1	Light, Panel (DS11)	17	301-6257	1	Switch - Blank
7	322-0017	1	Bulb, Panel Light - Replacement	18	308-0853	1	Switch, Pushbutton - Emergency Stop (Includes Bulb) (S14)
8	193-0352	1	Gauge, Oil Pressure (M11)	19	322-0223	1	Bulb, Pushbutton Switch - Replacement
9	193-0351	1	Gauge, Water Temperature (M12)	21	193-0435	1	Gauge, Oil Temperature
10	302-1642	1	Voltmeter (M13)				

Tachometer



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	302-1873-01	1	Tachometer (0-4000 RPM) (M16)	3	302-1723	1	Ammeter - Blank Scale
2	301-6257	1	Switch - Blank				

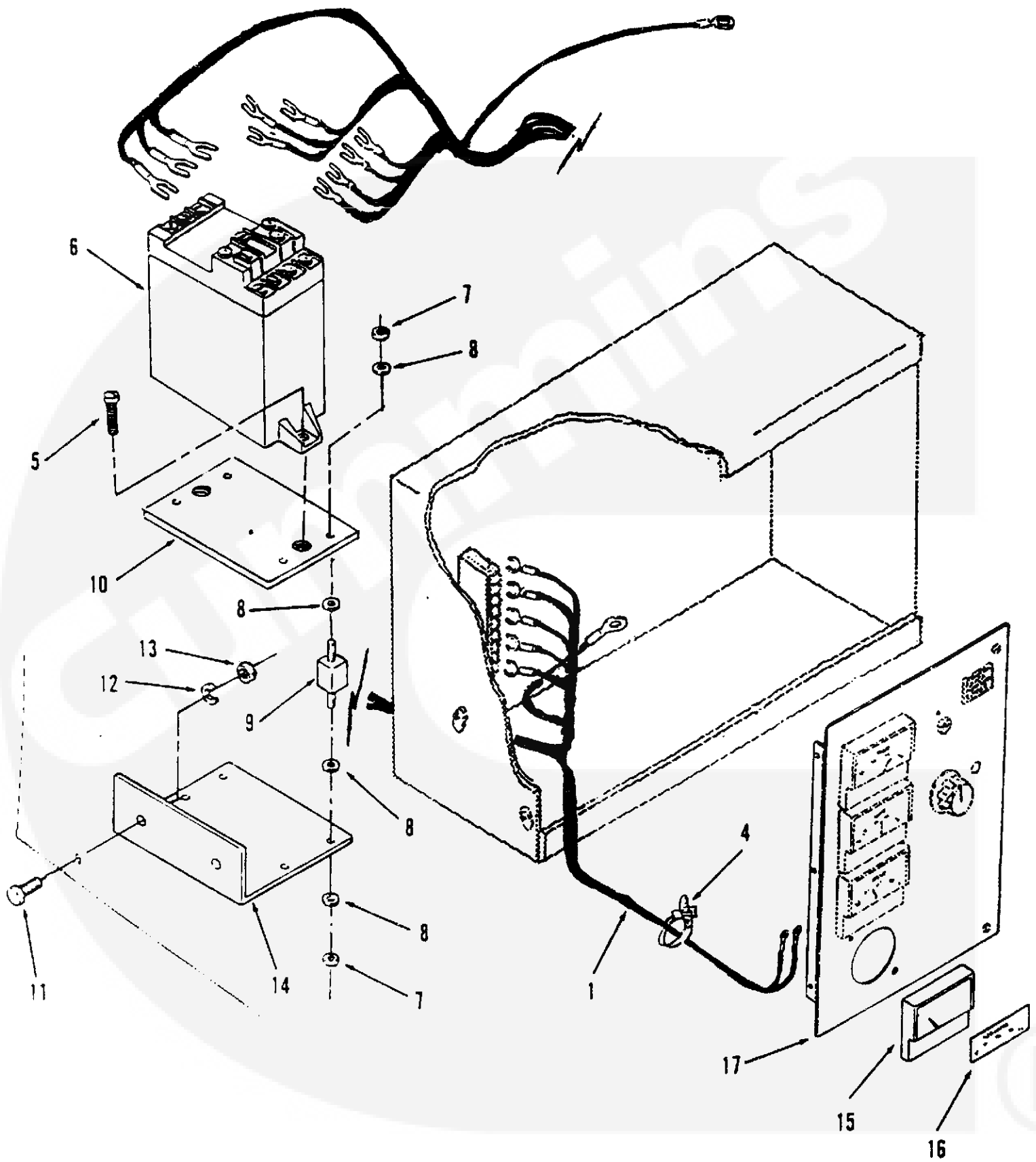
Over/Under Frequency (60HZ/50HZ)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0017	2	Screw, Self-Locking (5/16-18 x 1/2")
2	850-0045	2	Washer, Lock (5/16")
3	862-0014	2	Nut, Hex (5/16-18)
4	860-0008	10	Nut, Hex (#8-32)
5	856-0002	18	Washer, Lock - EIT
6			Relay, Over/Under Frequency
	307-2553	1	50 HZ
	307-2709	1	60 HZ

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	402-0354	1	Mount, Shock
8	301-6987	1	Bracket
9	338-2124	1	Harness, Wiring - OV/UV
10	322-0384-09	1	Light, Indicating
11	322-0384-10	1	Light, Indicating
12	301-9941	1	Plate, Mounting - Relay

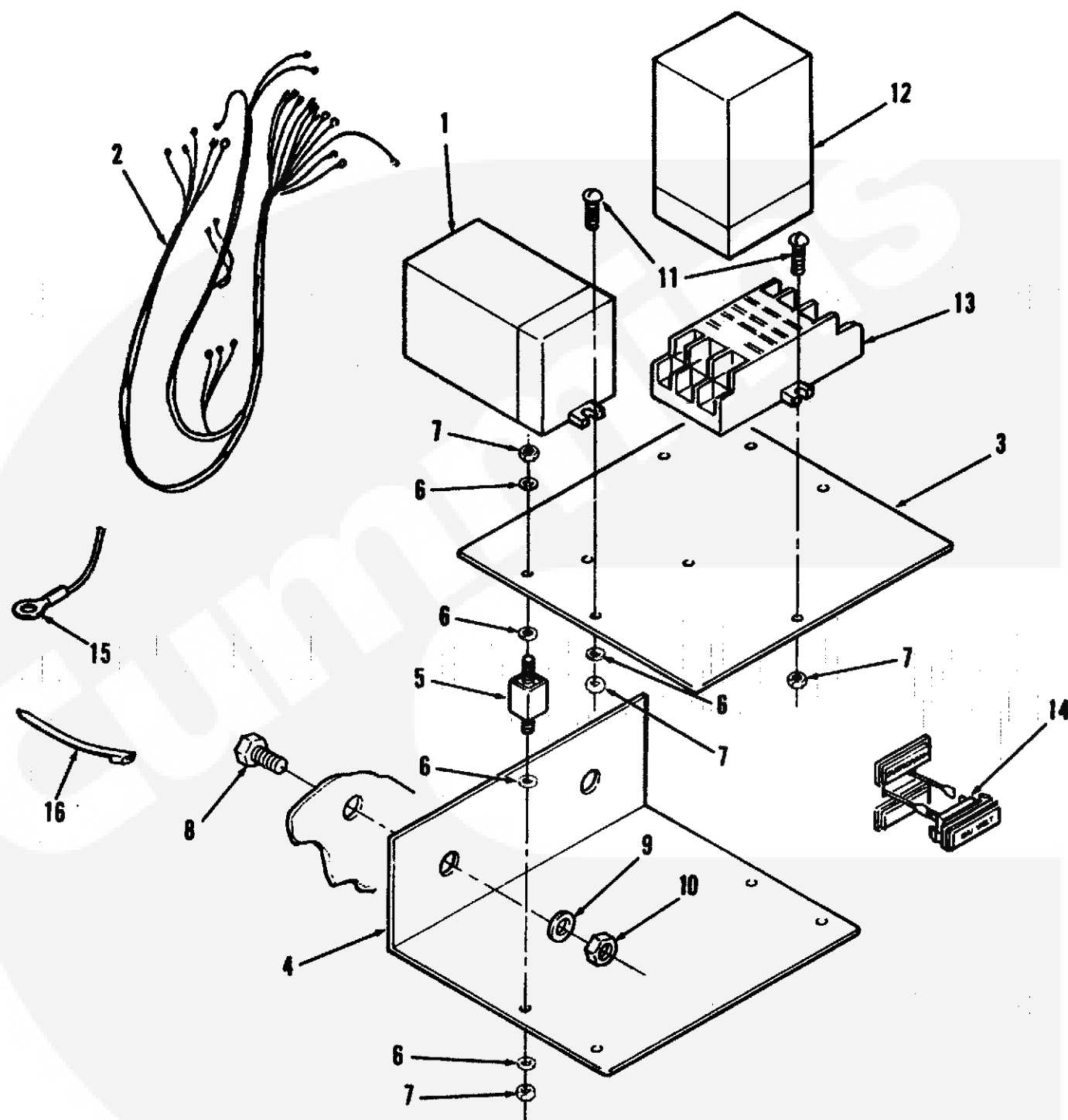
Wattmeter



Wattmeter

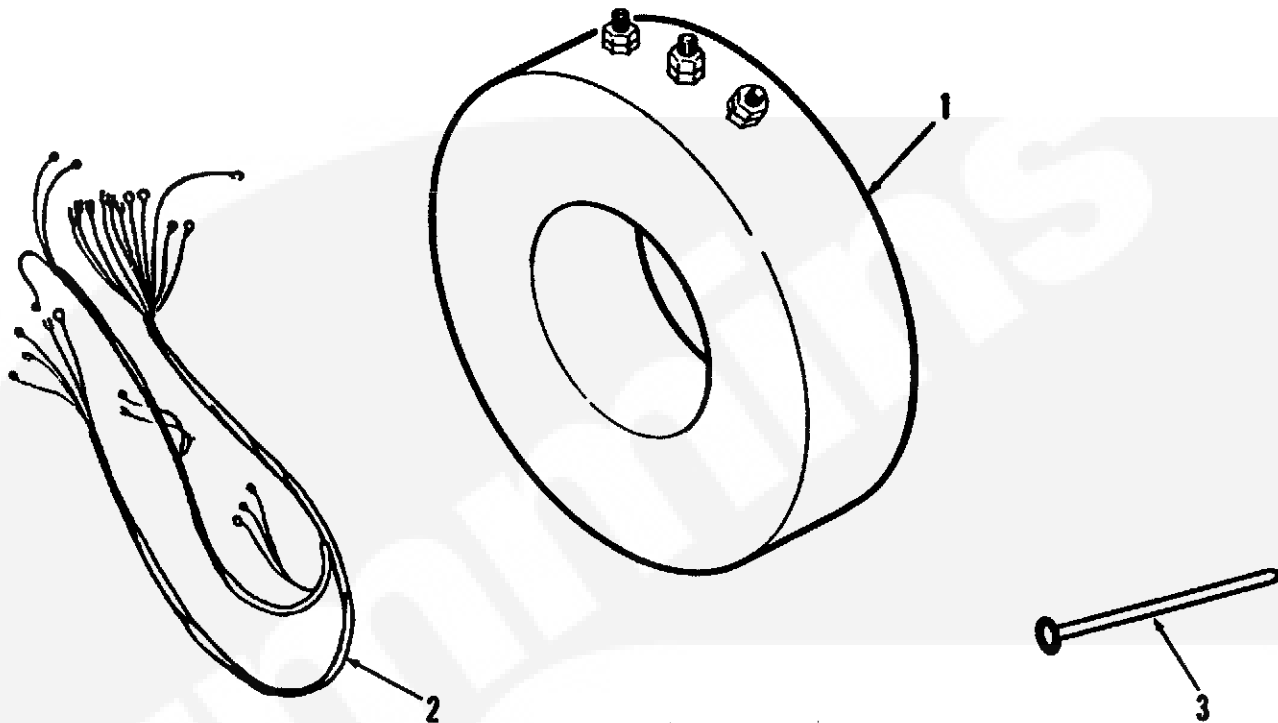
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Harness, Wiring	7	860-0008	8	Nut, Hex (#8-21)
	338-1936	1	Three Phase "WYE" Connected Generators	8	856-0002	16	Washer, Lock - EIT (#8)
	338-2479	1	Three Phase "DELTA" Connected Generators	9	402-0354	4	Mount, Shock
	338-2478	1	Single Phase Connected Generators 120/240 VAC	10	319-0030	1	Plate, Support - Transducer
2	332-1279	11	Terminal, Lug - Forked (For No. 6 Screw Mounting)	11	821-0017	2	Screw, Self-Locking - HWH (5/16-18 x 1/2")
3	332-0897	4	Terminal, Lug - Ring (1/4" Screw Mounting)	12	850-0045	2	Washer, Lock-Spring (5/16")
4	332-0942	14	Tie, Cable	13	862-0014	2	Nut, Hex (5/16-18)
5	813-0102	2	Screw, Machine - Round Head (#10-32 x 5/8")	14	301-6987	1	Bracket, Mounting
6			Transducer Watt	15	302-1722	1	Dial, Wattmeter (Less Dial)
	302-1833-01	1	Three Phase "WYE" Connected Generators	16	302-1721-03	1	Dial, Wattmeter Scale 0-70 kW
	302-1833-05	1	Three Phase "DELTA" Connected Generators		302-1721-04	1	Scale 0-90 kW
	302-1833-04	1	Single Phase, Connected Generators 120/240 VAC		302-1721-06	1	Scale 0-160 kW
					302-1721-08	1	Scale 0-200 kW
				17	301-9054-01	1	Panel, Control

Over/Under Voltage Relay



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-2552	1	Relay, Over/Under Voltage (120VAC) (A17)	9	850-0045	2	Washer, Lock - Spring (5/16")
2	338-2123	1	Harness, Wiring Over/Under Voltage	10	862-0014	2	Nut, Hex (5/16-18)
3	301-9933	1	Plate, Relay Mounting	11	812-0082	4	Screw, Machine - Round Head (#8-32 x 3/4")
4	301-6987	1	Bracket, Relay Mounting	12	307-1911	1	Relay, Time Delay (1.1 to 10 Seconds) (K17)
5	402-0354	4	Mount, Shock	13	323-0804	1	Socket, Relay
6	856-0002	18	Washer, Lock - EIT	14	322-0384-09	1	Light, Indicator - Marked "O/U Volt"
7	860-0008	12	Nut, Hex (#8-32)	15	332-0898	1	Terminal, Ring
8	821-0017	2	Screw, Cap - Self-Locking (5/16-18 x 1/2")	16	332-0942	3	Tie, Cable

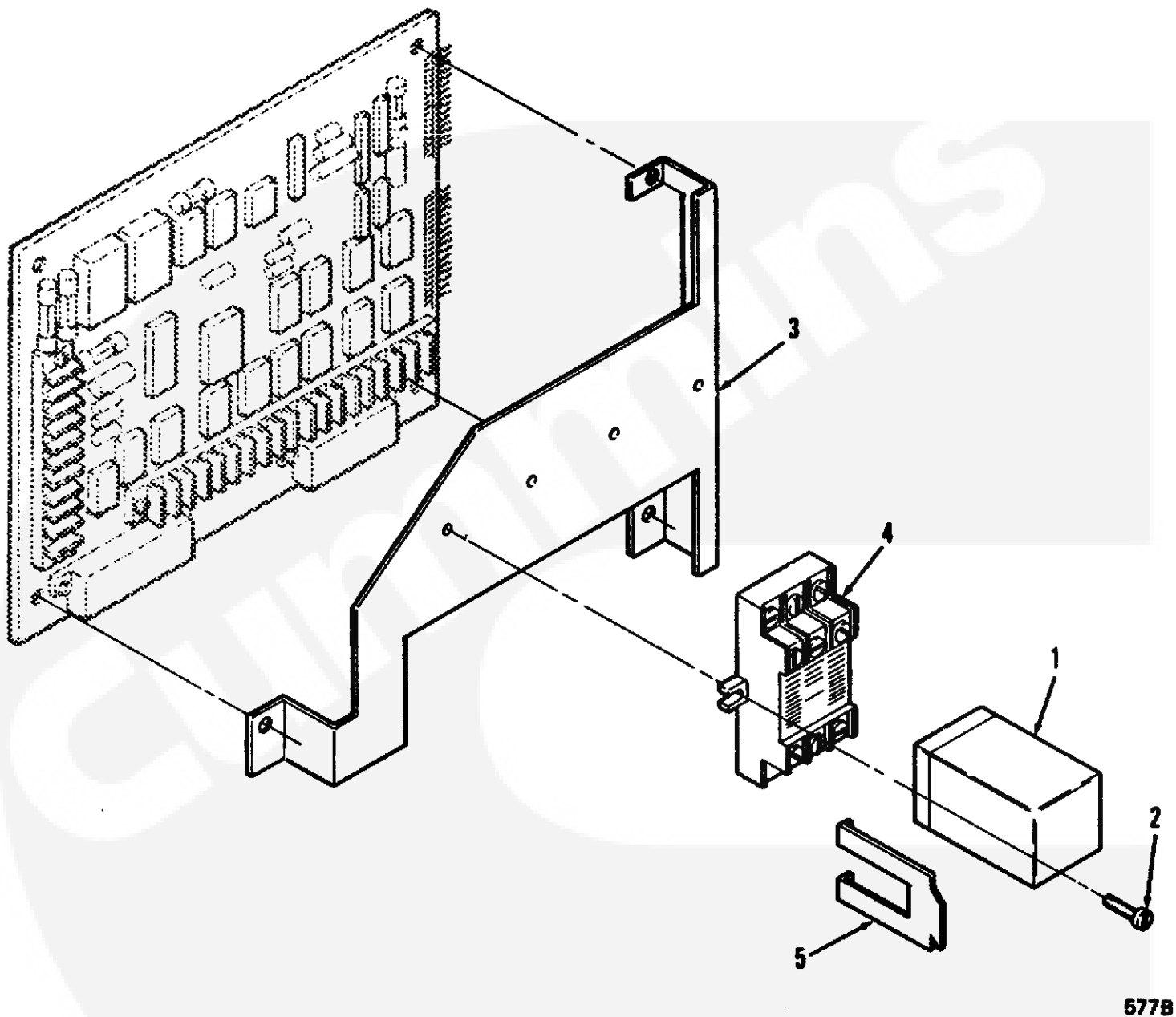
Current Transformer



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Transformer, Current				
	302-1845-04	3	Ratio 100/5;200/5				
	302-1845-05	3	Ratio 150/5;300/5				
	302-1845-06	3	Ratio 200/5;400/5				
2	338-2229	1	Harness, Wiring				
3	332-1389	8	Tie, Wire				



Run Relay

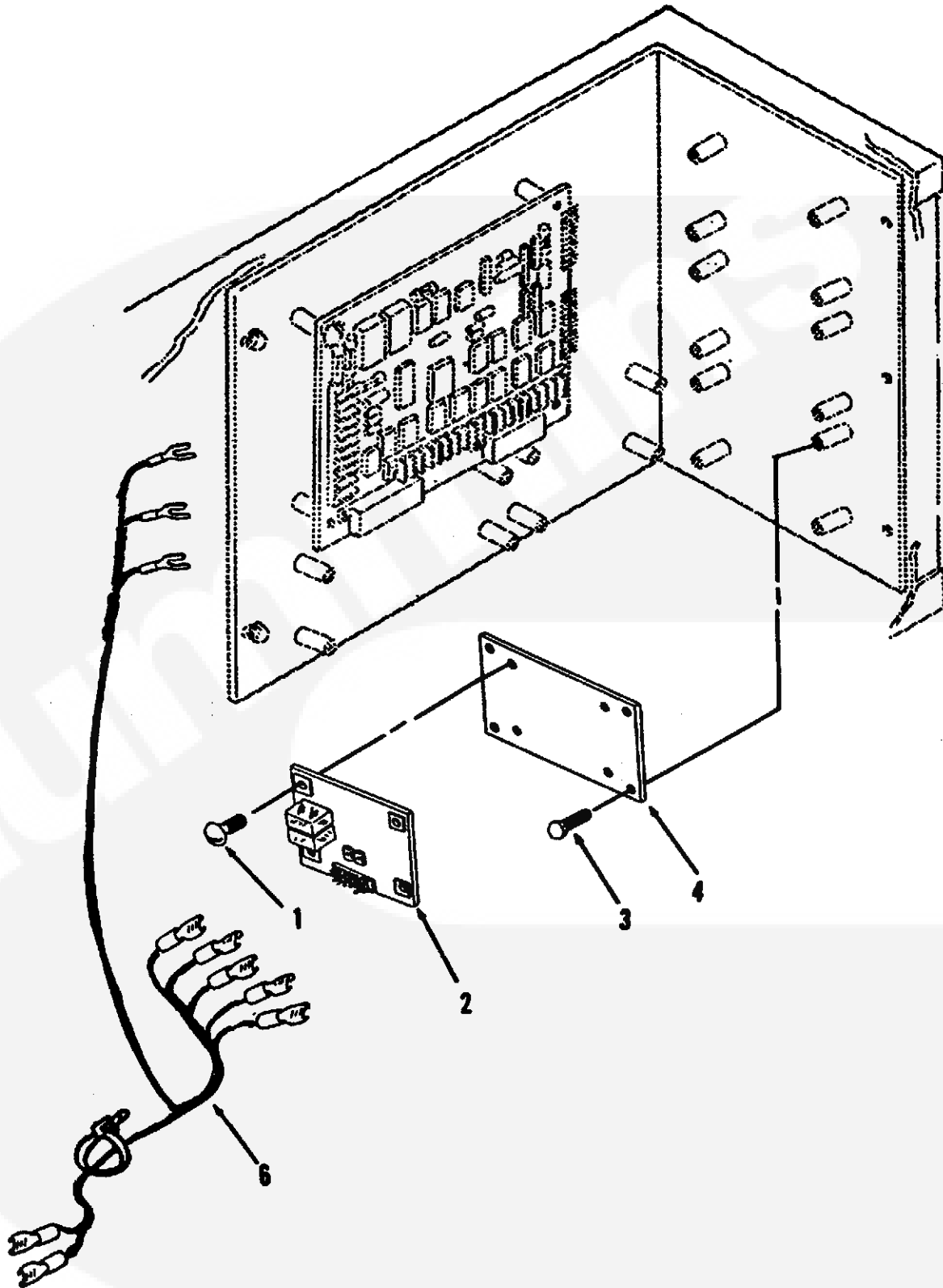


577B

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-1056	3	Relay, Run (K11)
2	815-0388	4	Screw, Pan Head - Cross Recessed Thread (#6-32 x 1/2")

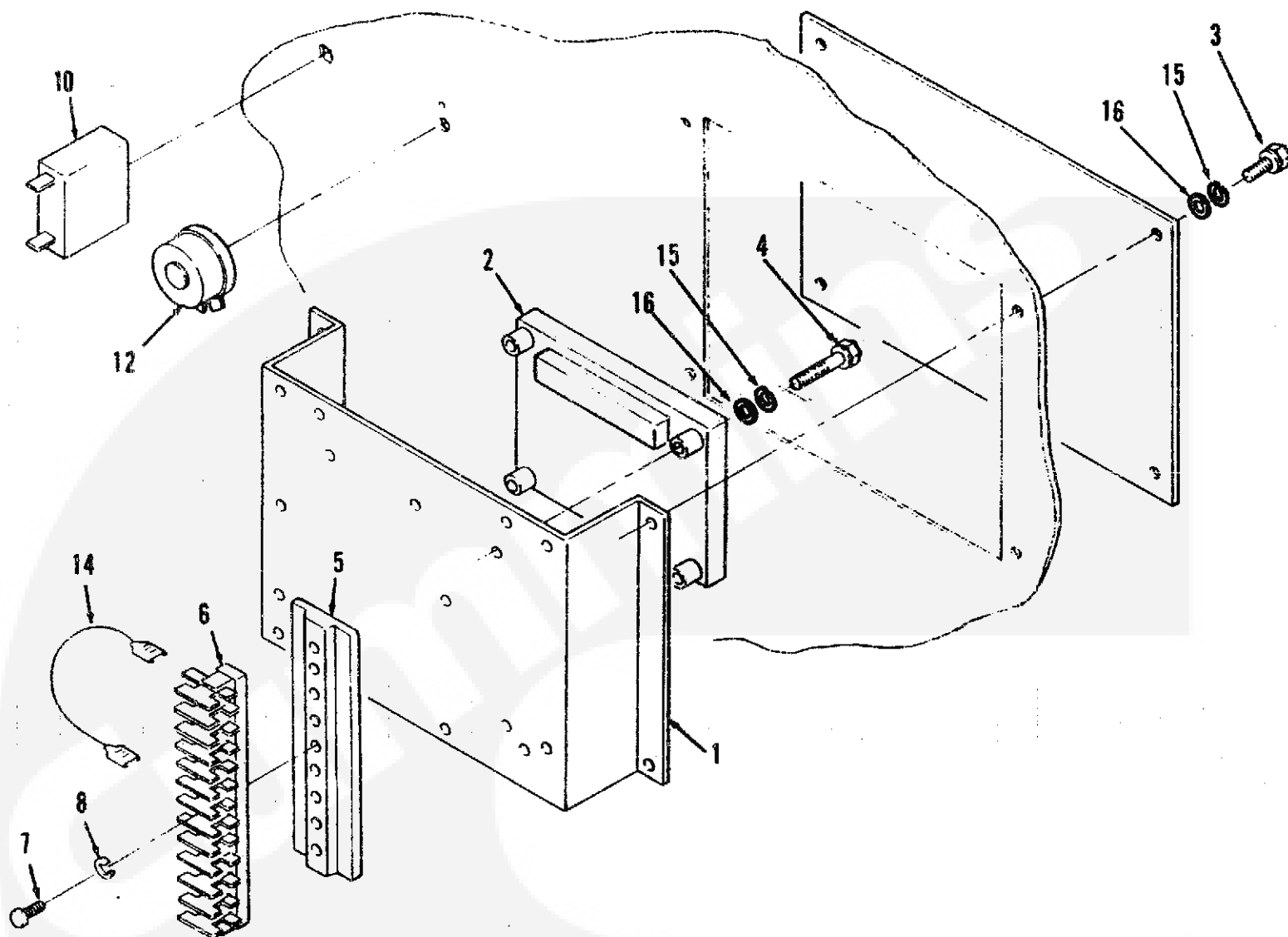
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	319-0447	1	Bracket, Relay Mounting
4	323-0804	3	Socket, Relay
5	307-1987	6	Holddown, Relay

Electronic Overspeed Module



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	812-0084	4	Screw, Machine - Round Head (#8-32 x 1/2")	4	319-0754	1	Plate, Mounting - Module
2	305-0818-02		Module, Overspeed - 24 VDC (Frequency Detection Module)	6	338-2493	1	Harness, Wiring (A16 to A11 and AUX-P2,P3)
3	815-0544	4	Screw, Cap - Hex Head with ET Lockwasher (#6-32 x 1/2")				

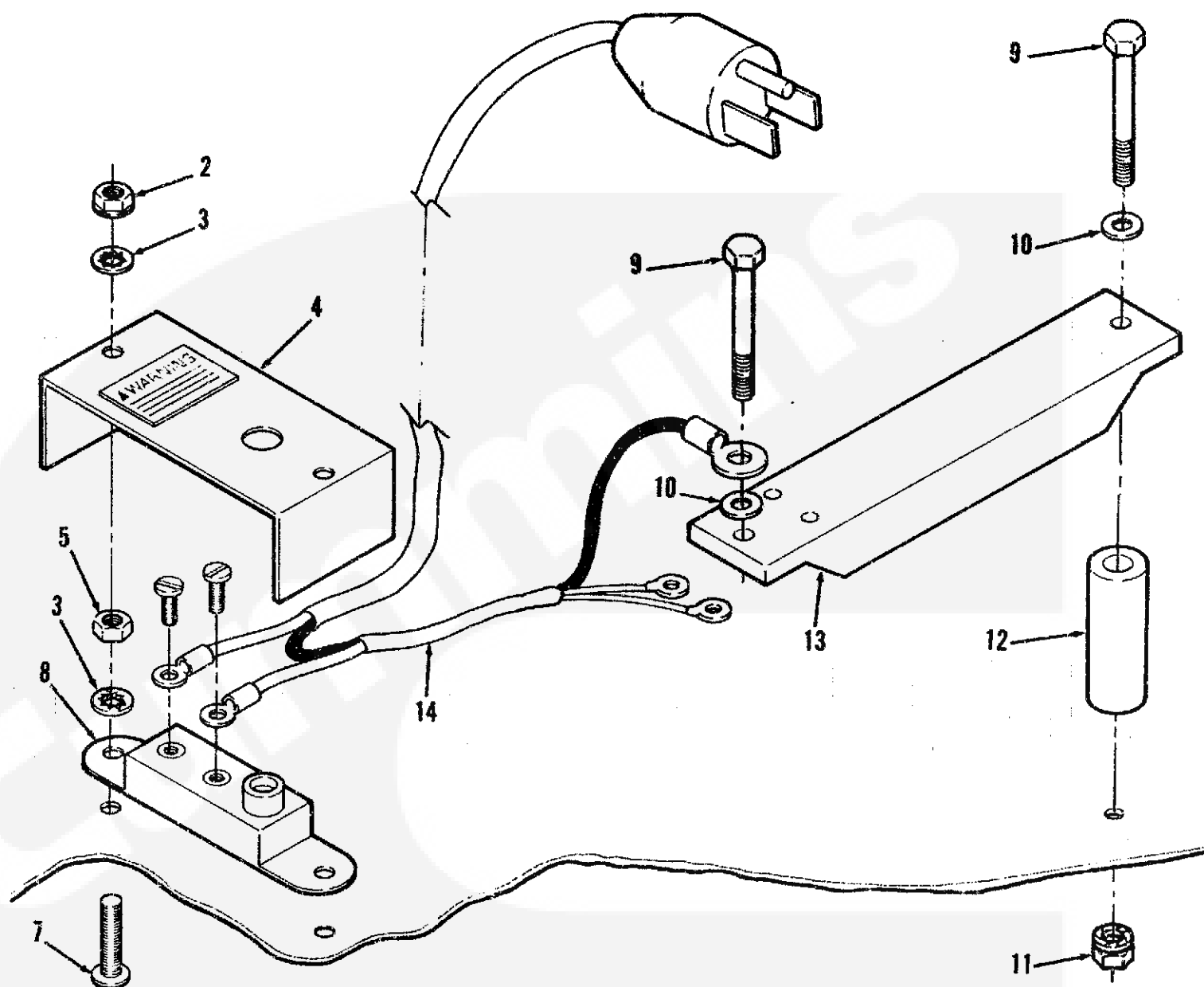
Voltage Regulator



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	305-0848-01	1	Bracket, Mounting - Regulator
2	305-0824	1	Regulator, Voltage
3	815-0793-03	6	Screw, Flange - Locking (M5 x .8 x 12mm)
4	815-0793-07	4	Screw, Flange - Locking (M5 x .8 x 30mm)
5	232-3536	1	Base, Block - Terminal
6	332-3107	1	Block, Terminal
7	815-0792-08	3	Screw, Pan Head (M4 x .7 x 30mm)
8	850-2004	3	Washer, Lock - Spring (M4)
10	320-1688-01	1	Breaker, Circuit

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
12	303-0261	1	Potentiometer
13	338-2549	1	Harness, Wiring Regulator
	338-2548	1	Generator
	338-2609	1	Circuit Breaker
	338-2547	1	Permanent Magnet Exciter
14	226-4084-01	1	Lead
	226-4162	1	Jumper
15	850-2005	10	Breaker, Circuit
16	526-2060	10	Washer, Lock (M5)
			Washer, Flat (M5)

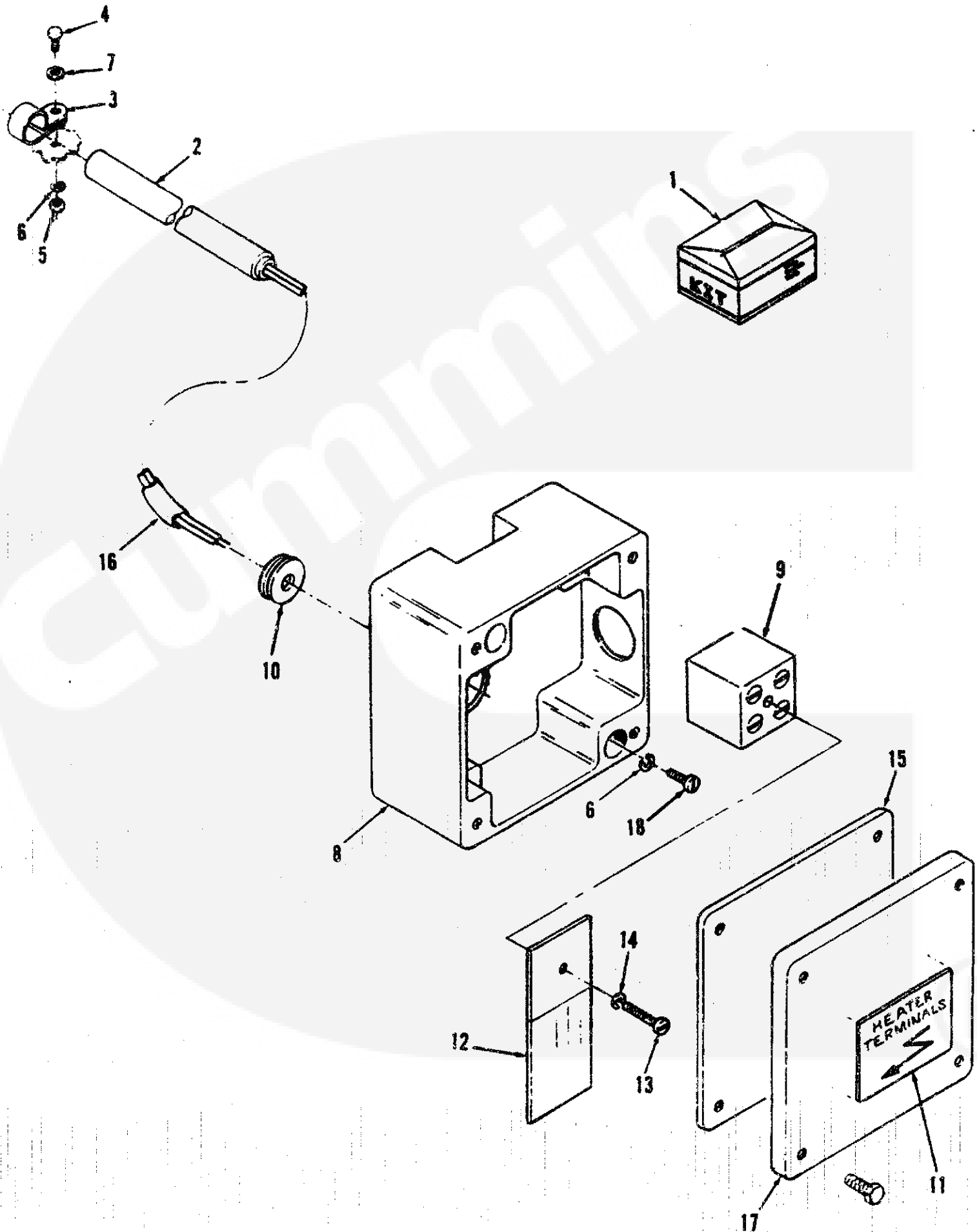
Control Space Heater



950B

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	98-3232	1	Decal, Warning (Shock Hazard)	10	526-0113	2	Washer, Flat (5/16")
2	870-0183	2	Nut, Self-Locking - Hex (#6-32)	11	870-0257	2	Nut, Self-Locking - Hex (5/16-18)
3	854-0006	4	Washer, Lock - IT (#6)	12	130-1107	2	Spacer
4	301-1886	1	Cover	13	333-0151	1	Heater, Electrical 75 Watt, 120 VAC
5	860-0006	2	Nut, Hex (#6-32)	14	335-0161	1	Cable, Electrical, 120 VAC
7	812-0070	2	Screw, Machine - Round Head (#6-32 x 1-1/4")				
8	309-0128	1	Thermostat - Adjustable				
9	800-0034	2	Screw, Cap - Hex Head (5/16-18 x 2-1/4")				

Generator Heater

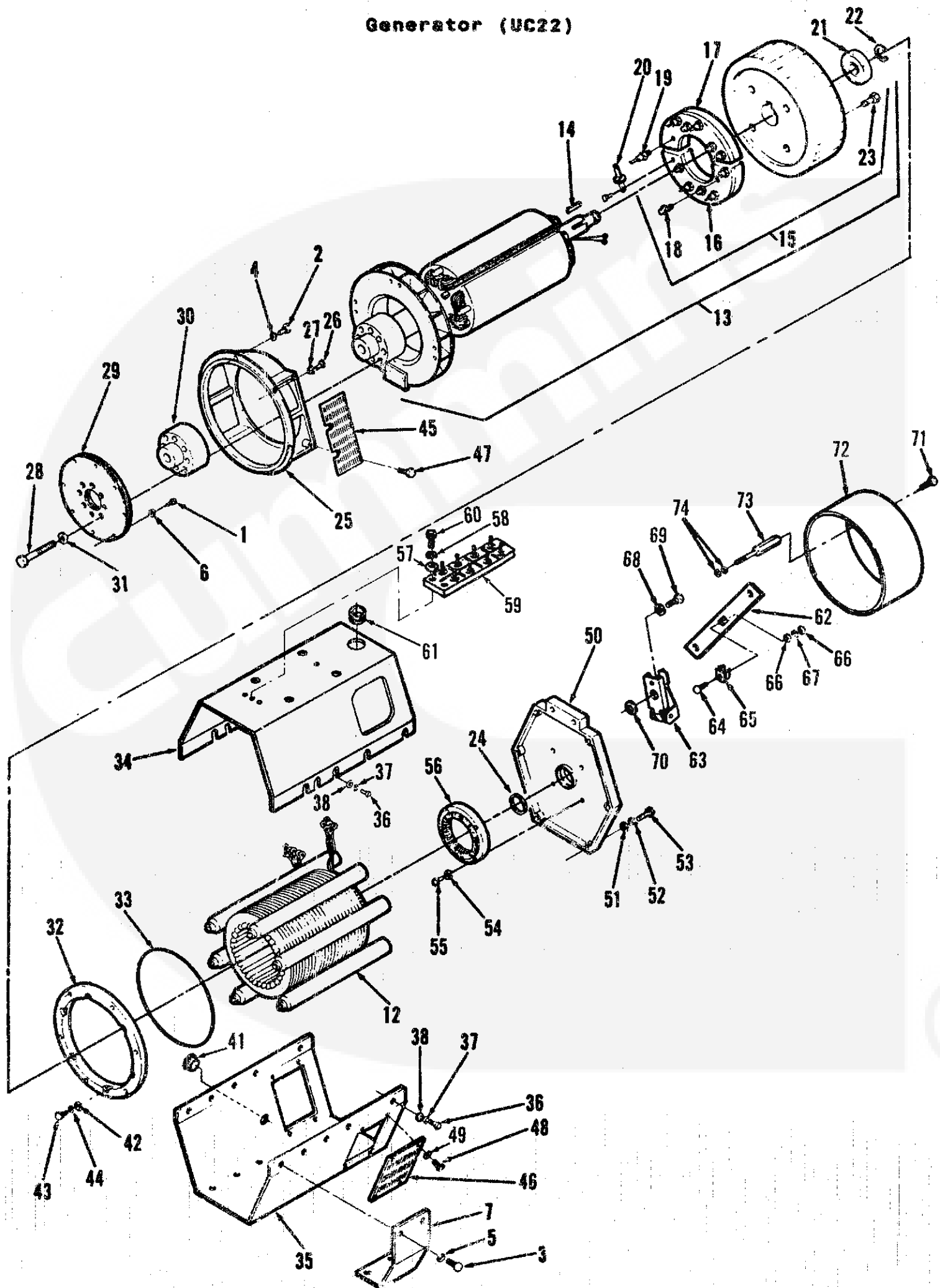


Generator Heater

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Kit, Heater-Generator Includes Parts Marked *)	9	332-3023	1	*Block, Terminal (Newage Part Number 003-14010)
	333-0445	1	120 Volt (Newage Part Number 330-AH02)	10	508-0228	1	*Grommet
2			*Cartridge, Heater	11	98-6142	1	*Label, Heater ADJ
	333-0438-07	1	120 Volt (Newage Part Number 071-31057)	12	98-6143	1	*Label, Volts/Watts
3	332-3024-11	2	*Clamp, Loop (Newage Part Number 052-46058)		98-6233	1	120 Volts/280 Watts (Newage Part Number 450-13650)
4	815-0766	4	*Screw, Head-Pan (M4 x 16)			1	240 Volts/210 Watts (Newage Part Number 450-13640)
5	860-2005	2	*Nut, Hex (M4)	13	822-3047	1	*Screw, Head-Pan (M3 x 20)
6	850-2004	4	*Washer, Lock-Spring (M4)	14	850-2003	1	*Washer, Lock-Spring (M3)
7	526-2050	2	*Washer, Flat (M4)	15	330-0141-04	1	*Gasket, Box-Terminal
8	330-0142	1	*Terminal, Box-Heater (Newage Part Number 450-10060)	16	898-1254-19	1	*Sleeving, CL200 Insulation
				17	330-0141-03	1	*Cover, Box-Terminal
				18	815-0446	2	Screw, RH x Rec W/IT

* - Parts Included in 333-0445 Generator Heater Kit.

Generator (UC22)



Generator (UC22)

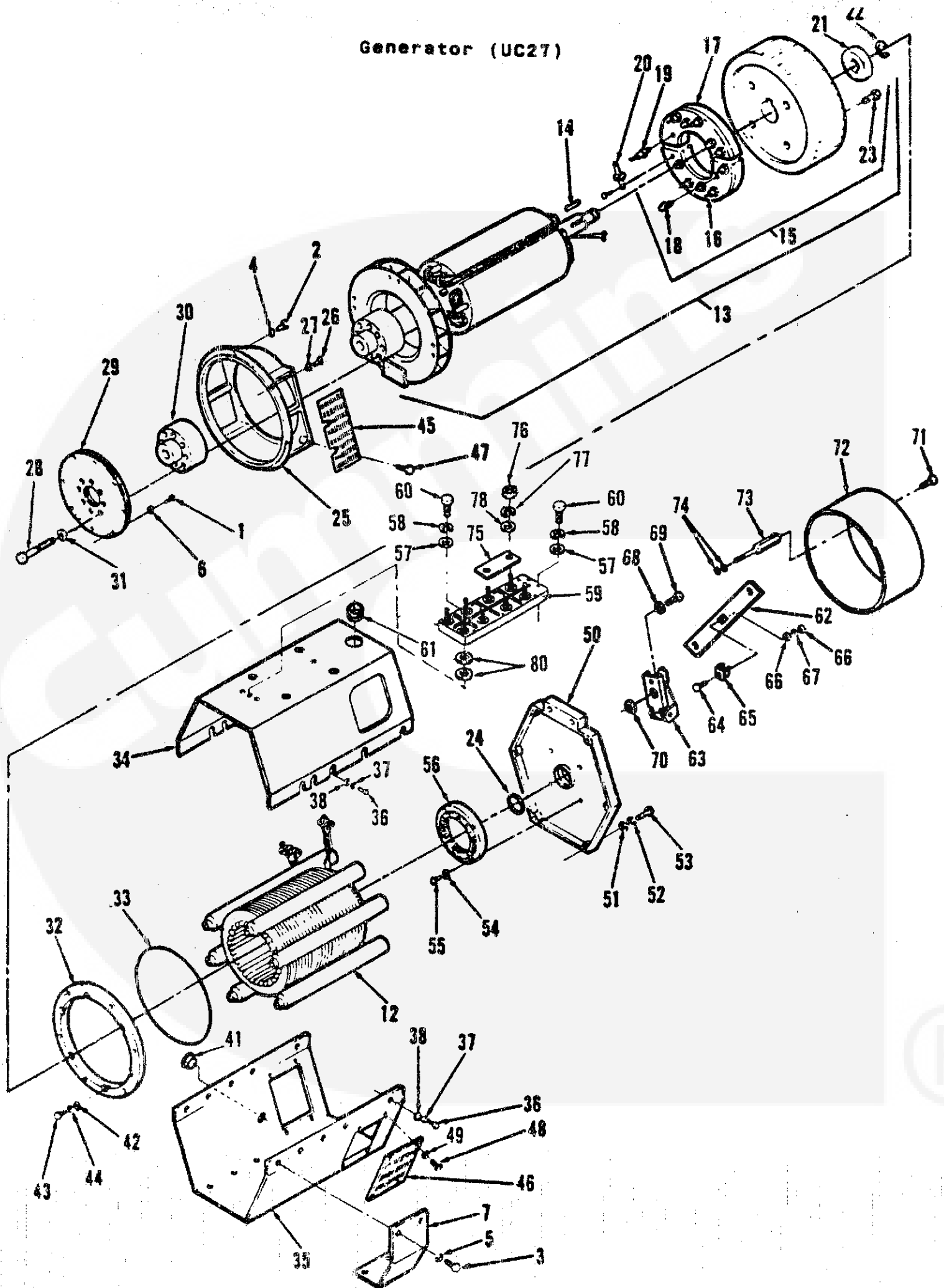
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	805-0015	8	Bolt, Place (3/8-16 x 3/4")	33	508-0139	-	Seal, Edging (Order by the foot - 3 feet required)
2	800-0051	8	Screw, Cap - Hex Head (3/8-16 x 1-1/4")	34	234-0916-01	1	Cover, Stator - Upper (180/240 Stack Length)
	800-0053	4	3/8-16 x 1-3/4"		234-0916-02	1	(300 Stack Length)
3	800-2087	8	Screw, Cap - Hex Head (M10 x 1.5 x 30)	35	232-3430-02	1	Cover, Stator - Lower (180/240 Stack Length)
4	850-0050	12	Washer, Lock - Spring (3/8)		232-3430-03	1	(300 Stack Length)
5	850-2010	8	Washer, Lock - Spring (M10)	36	800-2086	10	Screw, Cap - Hex Head (10 x 25)
6	526-0174	8	Washer, Flat (3/8")	37	850-2010	10	Washer, Lock - Spring (M10)
7	232-3452	2	Feet, Generator Mounting	38	526-2120	10	Washer, Flat (M10)
12			Stator	41	517-0135	1	Plug
	220-4289-34	1	(240 Stack Length) (50H/60H, BR, 12L, 105°C)	42	526-0213	6	Washer, Flat (M8)
	220-4289-35	1	(300 Stack Length) (50H/60H, 12L, BR, 80-105°C)	43	800-2058	6	Screw, Cap - Hex Head (M8 x 25)
	220-4289-39	1	(240 Stack Length) (60H, Low R, 12L, 105°C)	44	850-2008	6	Washer, Lock - Spring (M8)
	220-4289-40	1	(300 Stack Length) (60H, Low R, 12L, 80-105°C)	45	234-0863	2	Guard, Fan
	220-4289-45	1	(300 Stack Length) (60H, 600, 6LR, 80-105°C)	46	234-0878	2	Screen, Air Inlet
13			Rotor Assembly (Includes Parts Marked *)	47	821-2020	8	Screw, Locking - Flange (M5 x 10)
	201-3484-04	1	(240 Stack Length)	48	815-0793-03	8	Screw, Hex - Flange (M5 x .8 x 12)
	201-3484-05	1	(300 Core Length)	49	850-2005	8	Washer, Lock - Spring (M5)
14	515-0298-02	1	*Key (180 and 240 Core Length)	50	211-0422	1	Bell, End
15	201-3434-02	1	*Rotor Assembly, Exciter (Includes Parts Marked †) (Newage Part Number 210-1037) (240 and 300 Core Length)	51	232-3441	6	Washer, Flat
				52	850-2008	6	Washer, Lock - Spring (M8)
				53	800-2058	6	Screw, Cap - Hex Head (M8 x 25)
				54	850-2006	4	Washer, Lock - Spring (M6)
16	357-0091	1	*Rectifier Assembly, Forward (Includes Diodes)	55	800-2042	4	Screw, Cap - Hex Head (M6)
17	357-0092	1	*Rectifier Assembly, Reverse (Includes Diodes)	56	220-4293-05	1	Stator, Exciter (Newage Part Number 230-1001) (40 Core Length)
18	358-0135-01	3	*Diode, Positive (Forward) Includes Lead	57	526-2100	3	Washer, Flat (M8)
19	358-0135-02	3	*Diode, Negative (Reverse) Includes Lead	58	850-2008	3	Washer, Lock - Spring (M8)
20	304-0807	1	*Varistor	59	232-3421	1	Block, Main Terminal
21	510-0165	1	*Bearing, Ball	60	800-2060	3	Screw, Cap - Hex Head (M8 x 1.25 x 35)
22	518-0122	1	*Ring, Retaining	61	508-1057	1	Grommet
23	821-2021	2	*Screw, Cap - Locking Head (M5 x 12)	62	150-2309	1	Bracket, Overspeed Switch
24	509-0266-01	1	Ring, "O"	63	150-0956	1	Switch, Overspeed
25	231-0316	1	Adapter, Generator (SAE 2)	64	150-0723	1	Point, Overspeed
26	800-2090	6	Screw, Cap - Hex Head (M10 x 45)	65	870-0250	1	Nut, Insulated
27	850-2010	6	Washer, Lock - Spring (M10)	66	862-0001	2	Nut, Hex (1/4-20)
28	720-1119	8	Screw, Cap - Hex Head (M16 x 40)	67	853-0013	1	Washer, Lock - ET (1/4")
29	232-3443	2	Disc, Generator Drive (SAE 11.5)	68	856-0010	1	Washer, Lock - EIT (3/8")
30	232-3593	1	Hub, Generator Drive	69	800-2087	1	Screw, Cap - Hex Head (M10 x 30mm)
31	526-0259	8	Washer, Flat (M16)	70	526-0240	1	Washer, Flat (13/32" ID x 1-1/2" OD x 1/8" Thk)
32	231-0318	1	Ring, Adapter	71	821-2020	4	Screw, Self-Locking - Hex Washer Head (M5 x 10mm)
				72	234-0875-01	1	Cover, End Bell
				73	232-3462-01	4	Spacer, Cover
				74	526-2080	4	Washer, Flat (M6)

* - Parts Included in Rotor Assembly.

† - Parts Included in Exciter Rotor Assembly.

NOTE: When ordering rotor and stator parts, furnish complete model, spec and serial number of the generator set.

Generator (UC27)



Generator (UC27)

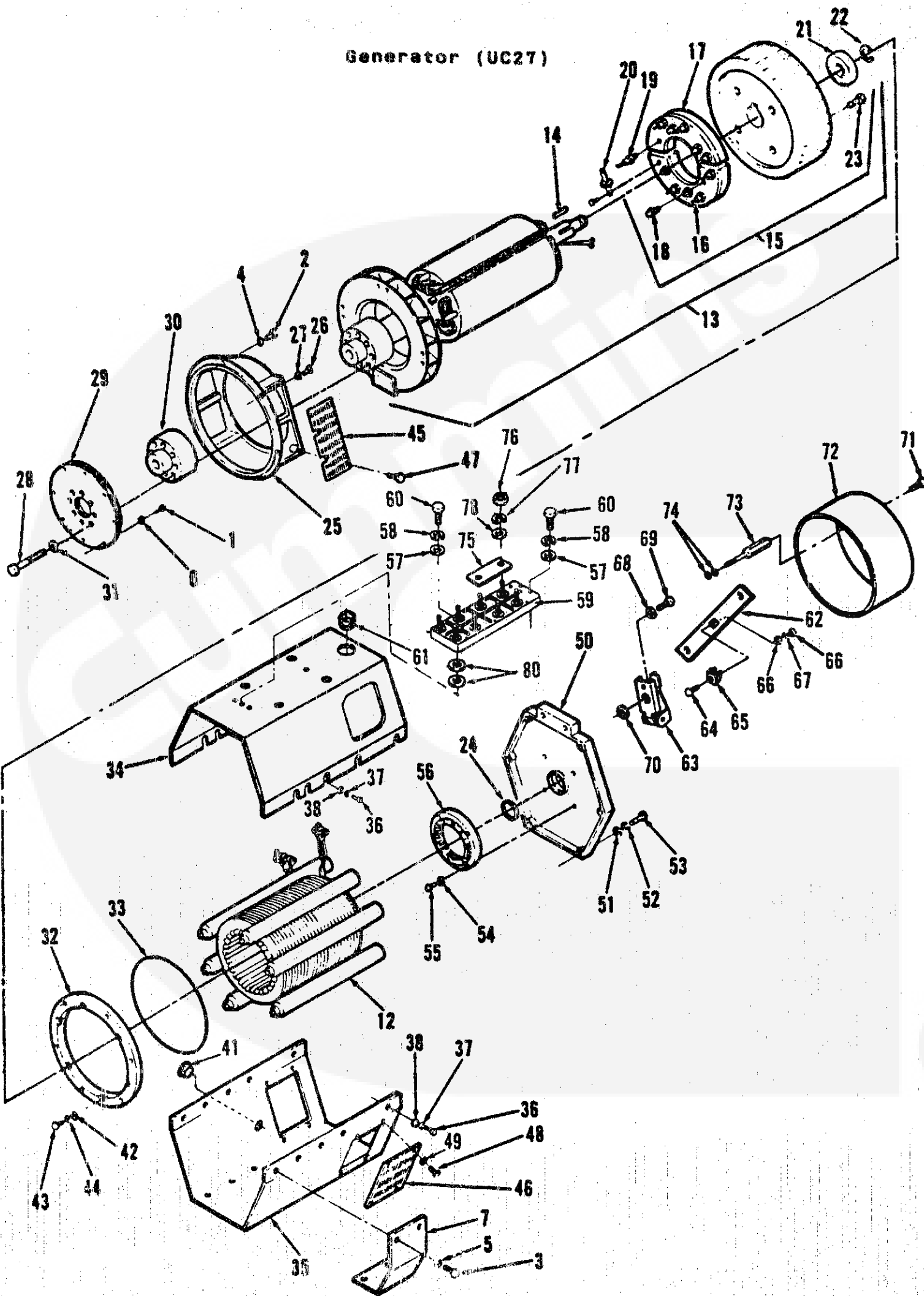
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	805-0015	8	Bolt, Place (3/8-16 x 3/4")	25	231-0317	1	Adapter, Generator (SAE 2)
2	800-0051	12	Screw, Cap - Hex Head (3/8-16 x 1.75)	26			Screw, Cap - Hex Head M10 x 56mm
3	800-2113	8	Screw, Cap - Hex Head (M12 x 1.75 x 35mm)		800-2091	5	M10 x 60mm
4	850-0050	12	Washer, Lock - Spring (3/8)	27	850-2010	6	Washer, Lock - Spring (M10)
5	850-2012	8	Washer, Lock - Spring (M12)	28	720-1119	8	Screw, Cap - Hex Head (M16 x 40mm)
6	526-0174	8	Washer, Flat (M12)	29	232-3443	3	Disc, Generator Drive (SAE 11.5)
7	232-3454	2	Feet, Mounting - Generator	30	232-3593	1	Hub, Drive - Generator
12			Stator Assembly, Generator	31	526-0259	8	Washer, Flat (M16)
	220-4298-31	1	(165 Stack Length) 50H/60H, BR, 12L-80°C	32	231-0319	1	Ring, Adapter
	220-4298-32	1	(190 Stack Length) 50H/60H, 1 PFO, 12L-105°C	33	508-0139	-	Seal, Edging (Order by the Foot - 3 Feet Required)
			50H/60H, BR, 12L-80°C/105°C	34			Cover, Stator - Upper
	220-4298-33	1	(230 Stack Length) 50H, 1PFO, 12L-80°C		234-0917-01	1	(165/190 Stack Length)
			50H, BR, 12L-105°C		234-0917-02	1	(230/285 Stack Length)
	220-4298-34	1	(285 Stack Length) 50H/60H, 1PFO, 12L-105°C		234-0917-03	1	(335 Stack Length)
			(335 Stack Length)	35			Cover, Stator - Lower
	220-4298-35	1	(335 Stack Length) 50H/60H, BR, 12L-80°C/105°C		234-0853-01	1	(165/190 Stack Length)
			(165 Stack Length)		234-0853-02	1	(230/285 Stack Length)
	220-4298-37	1	(165 Stack Length) 50H, BR, 12L-105°C		234-0853-03	1	(335 Stack Length)
			60H, Low R, 12L-80°C	36	800-2112	10	Screw, Cap - Hex Head (M12 x 30)
	220-4298-38	1	(190 Stack Length) 60H, Low R, 12L, 105°C	37	850-2012	10	Washer, Lock - Spring (M12)
			(230 Stack Length)	38	526-2140	10	Washer, Flat (M12)
	220-4298-39	1	(230 Stack Length) 60H, Low R, 12L, 80°C	41	517-0135	1	Plug
			(165 Stack Length)	42	526-0077	6	Washer, Flat (M10)
	220-4298-43	1	(165 Stack Length) 60H, 600, 6LR, 80°C/105°C	43	800-2087	6	Screw, Cap - Hex Head (M10 x 30mm)
			(190 Stack Length)	44	850-2010	6	Washer, Lock - Spring (M10)
	220-4298-44	1	(190 Stack Length) 60H, 600, 6LR, 105°C	45	234-0867	2	Guard, Fan
			(230 Stack Length)	46	234-0879	2	Screen, Inlet - Air
	220-4298-45	1	(230 Stack Length) 60H, 600, 6LR, 80°C/105°C	47	821-2020	8	Screw, Cap - Locking Head (M5 x 10mm)
13			Rotor Assembly	48	815-0793-03	8	Screw, Cap - Locking Head (M5 x .8 x 12mm)
	201-3485-01	1	(165 Stack Length)	49	850-2005	8	Washer, Lock - Spring (M5)
	201-3485-02	1	(190 Stack Length)	50	211-0423	1	Bell, End
	201-3485-03	1	(230 Stack Length)	51	526-0077	6	Washer, Flat (M10)
	201-3485-04	1	(285 Stack Length)	52	850-2010	6	Washer, Lock (M10)
	201-3485-05	1	(335 Stack Length)	53	800-2087	6	Screw, Cap - Hex Head (M10 x 30)
14			*Key	54	850-2006	4	Washer, Lock - Spring (M6)
	515-0298-02	1	(165/190 Stack Length)	55			Screw, Cap - Hex Head
	515-0298-03	1	(230/285/335 Stack Length)		800-2042	4	(M6 x 1 x 60) (165/190 Stack)
15			*Rotor Assembly, Exciter		800-2046	4	(M6 x 1 x 60) (230/285/335 Stack Length)
			(Includes Parts Marked ¶)	56			Stator, Exciter
	201-3434-02	1	(165/190 Stack Length)		220-4293-05		(Newage Part No. 230-1001)
	201-3434-03	1	(230/285/335 Stack Length)		220-4293-06		(165/190 Stack Length)
16	357-0091	1	*¶Rectifier Assembly, Forward (Includes Diodes)				(Newage Part No. 330-0100)
17	357-0092	1	*¶Rectifier Assembly, Reverse (Includes Diodes)				(230/285/335 Stack Length)
18	358-0135-01	3	*¶Diode, Positive (Forward) Includes Lead	57	526-2100	3	Washer, Flat (M8)
19	358-0135-02	3	*¶Diode, Negative (Reverse) Includes Lead	58	850-2008	3	Washer, Lock - Spring (M8)
20	304-0807	1	*Varistor	59	232-3421	1	Block, Terminal - Main
21	510-0164	1	*Bearing, Ball	60	800-2060	3	Screw, Cap - Hex Head (M6 x 1.25 x 35mm)
22	518-0083	1	*Ring, Retaining	61	508-1057	1	Grommet
23	821-2021	2	*Screw, Cap - Locking Head (M5 x 12)	62	150-2309	1	Bracket, Switch - Overspeed
24	509-0266-02	1	Ring, "O"	63	150-0956	1	Switch, Overspeed
				64	150-0723	1	Point, Overspeed

* - Parts Included in the Rotor Assembly.

¶ - Parts Included in the Exciter Rotor Assembly.

NOTE: When ordering rotor and stator parts, furnish complete model, spec and serial number of the generator set.

Generator (UC27)

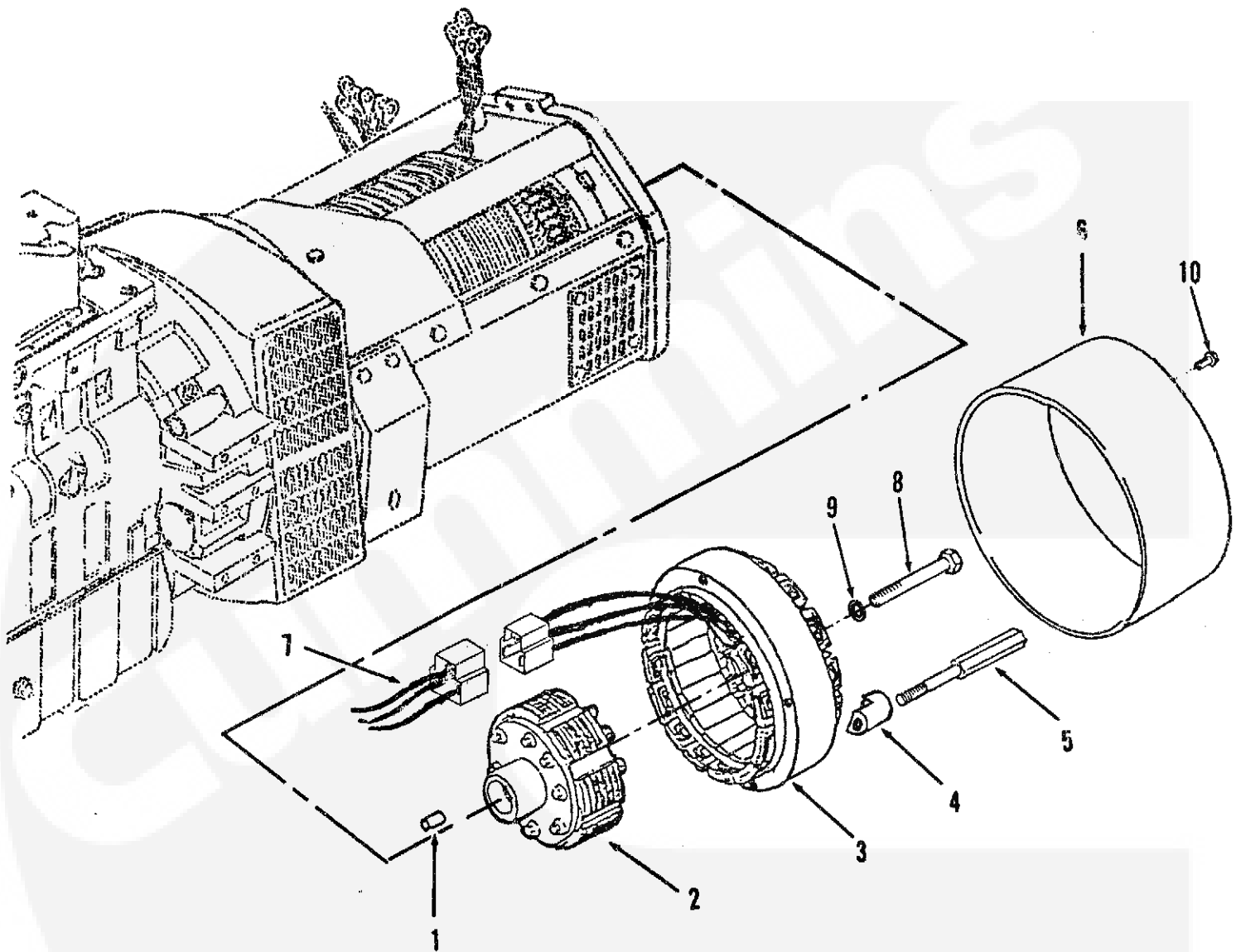


Generator (UC27)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
65	870-0250	1	Nut, Insulated
66	862-0001	2	Nut, Hex (1/4-20)
67	853-0013	1	Washer, Lock - ET (1/4")
68	856-0010	1	Washer, Lock - EIT (3/8")
69	800-2087	1	Screw, Cap - Hex Head (M10 x 30mm)
70	526-0240	1	Washer, Flat (M10)
71	821-2020	4	Screw, Self-Locking - Hex Washer Head (M5 x 10mm)

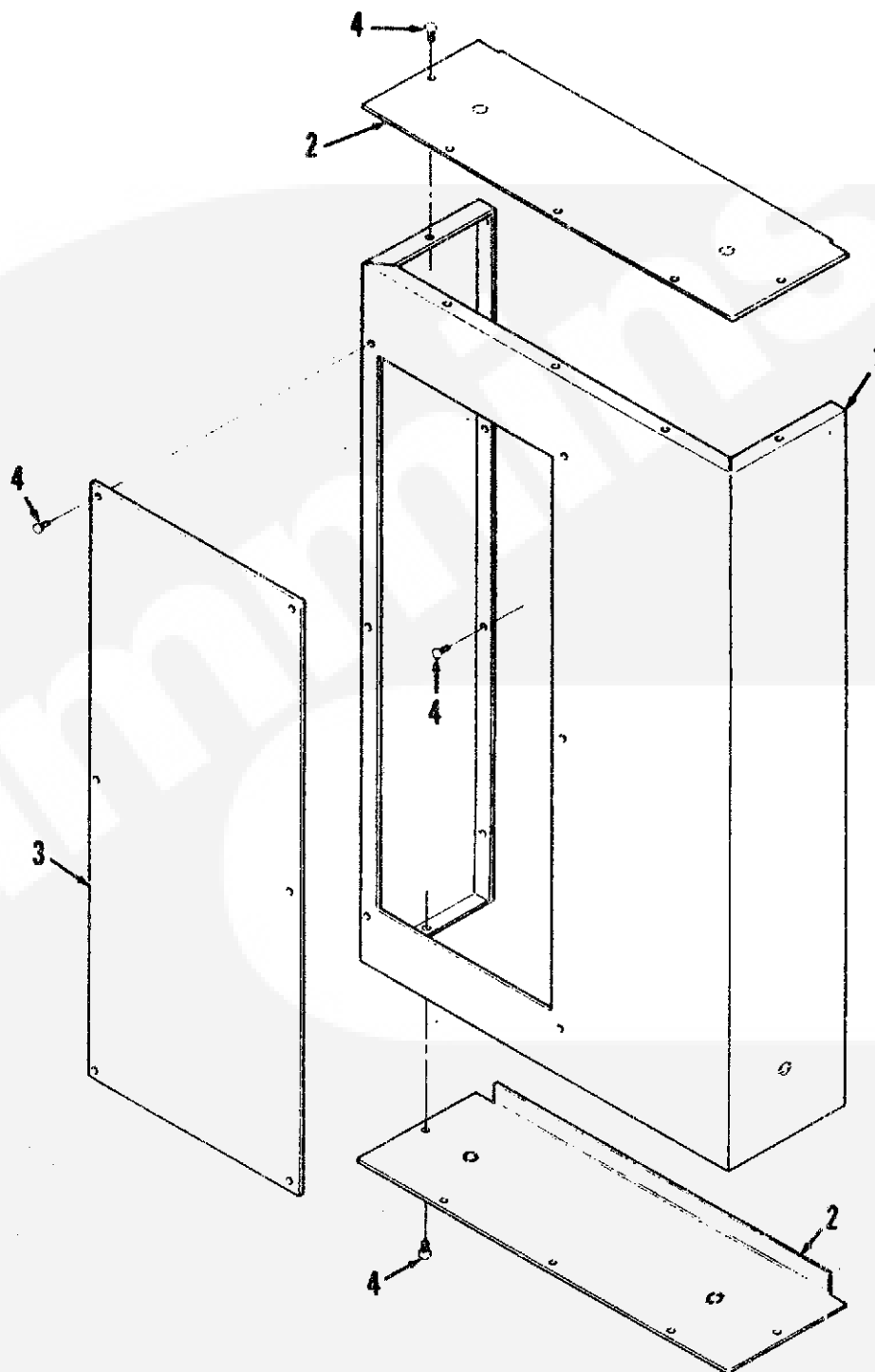
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
72	234-0875-01	1	Cover, End Bell
73	232-3462-01	4	Spacer, Cover
74	526-2080	4	Washer, Flat (M6)
75	332-2987	4	Link, Terminal
76	526-2120	8	Washer, Flat (M10)
77	850-2010	8	Washer, Lock (M10)
78	860-2009	8	Nut, Hex (M10 x 1.5)

Permanent Magnet Exciter



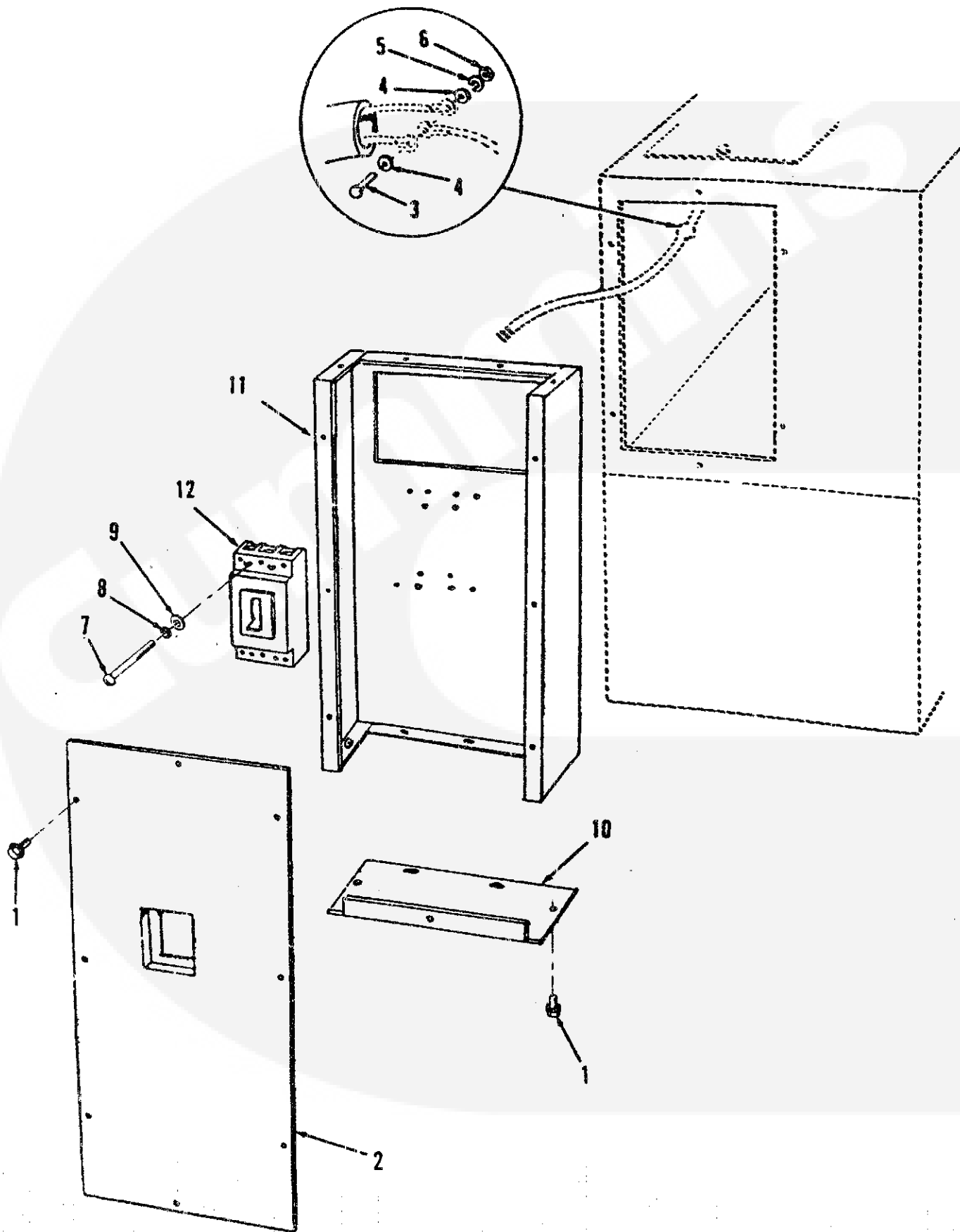
REF NO.	ONAN PART NO.	NEWAGE PART NO.	QTY USED	PART DESCRIPTION	REF NO.	ONAN PART NO.	NEWAGE PART NO.	QTY USED	PART DESCRIPTION
1	775-0049	054-20505	1	Pin, Dowel	6	234-0875-02	450-14360	1	Cover, Bell - End
2	201-3446	130-20136	1	Rotor, Exciter	7	249-0462	450-22000	1	Harness, Wiring
3	220-4233	420-17200	1	Stator, Exciter	8	815-0761-01	350-14950	1	Bolt (M10 x 1.5 x 110)
4	232-3511	130-20101	4	Clamp, Stator	9	850-2010	028-31509	1	Washer, Lock - Spring (M10)
5	232-3462-02	450-14370	4	Spacer, Mounting - Corner	10	821-2020		4	Screw, Locking - Hex Head Flange (M5 x 0.8 x 10)

Entrance Box



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-9668	1	Box, Entrance				
2	301-9669	2	Panel				
3	301-9975	1	Cover				
4	821-0010	16	Screw, Hex Washer Head - Locking (1/4-20 x 1/2")				

Circuit Breaker



Circuit Breaker

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0010	8	Screw, Cap - Self-Locking (1/4-20 x 1/2")				With Auxiliary Contacts 600 Volt, 2 Pole
2	301-9892	1	Cover, Breaker - Circuit 240 Volt, 2 Pole, 240 Volt 3 Pole (250-400 Amp)	320-1556-12	1		300 Ampere
	301-9682	1	480 Volt, 3 Pole, 600 Volt, 3 Pole	320-1556-13	1		350 Ampere
	319-0285	1	240 Volt, 3 Pole (200-225 Amp)	320-1556-14	1		400 Ampere
3	800-0028	5	Screw, Cap - Hex Head (5/16-18 x 1")	320-1516-10	1		450 Ampere
4	526-0022	5	Washer, Flat (5/16")	320-1516-11	1		500 Ampere
5	850-0045	5	Washer, Lock - Spring (5/16")				480 Volt, 3 Pole
6	862-0015	5	Nut, Hex (5/16-18)	320-1462-27	1		90 Ampere
7	812-0165	4	Screw, Machine - Round Head (1/4-20 x 4-1/2") 240 Volt, 3 Pole	320-1462-28	1		100 Ampere
	812-0157	4	(1/4-20 x 1-3/4") 240 Volt, 2 Pole, 600 Volt 2 Pole (250 Amp and Above)	320-1462-30	1		125 Ampere
	812-0157	4	1/4-20 x 1-3/4" - 240 Volt, 3 Pole, 480/600 Volt, 3 Pole (175,200,225 Amp)	320-1462-31	1		150 Ampere
	812-0094	4	(#8-32 x 3-5/8") 480/600 Volt, 3 Pole				600 Volt, 3 Pole
	813-0118	4	480/600 Volt, 3 Pole (175,200,225 Amp)	320-1462-44	1		90 Ampere
8	850-0040	4	Washer, Lock - Spring 1/4"	320-1462-45	1		100 Ampere
	850-0025	4	#8	320-1462-47	1		125 Ampere
9	526-0108	4	Washer, Flat 1/4"	320-1462-48	1		150 Ampere
	526-0048	4	#8				480/600 Volt, 3 Pole
10	301-9669	2	Panel, Box	320-1463-08	1		175 Ampere
11	301-9668	1	Box, Breaker	320-1463-09	1		200 Ampere
12			Breaker, Circuit 240 Volt, 2 Pole	320-1463-10	1		225 Ampere
	320-1555-12	1	300 Ampere	320-1464-06	1		250 Ampere
	320-1555-13	1	350 Ampere	320-1464-07	1		300 Ampere
	320-1555-14	1	400 Ampere	320-1464-08	1		350 Ampere
	320-1513-10	1	450 Ampere	320-1464-09	1		400 Ampere
	320-1513-11	1	500 Ampere	320-1464-10	1		450 Ampere
	320-1513-12	1	600 Ampere				240 Volt, 3 Pole
			240 Volt, 3 Pole	320-1556-09	1		200 Ampere
	320-1555-09	1	200 Ampere	320-1556-10	1		225 Ampere
	320-1555-10	1	225 Ampere	320-1556-15	1		250 Ampere
	320-1555-15	1	250 Ampere	320-1556-16	1		300 Ampere
	320-1555-16	1	300 Ampere	320-1556-17	1		350 Ampere
	320-1555-17	1	350 Ampere	320-1556-18	1		400 Ampere
	320-1555-18	1	400 Ampere				With Shunt Trip 240 Volt, 3 Pole
	320-1458-27	1	480 Volt, 3 Pole 90 Ampere	320-1557-56	1		300 Ampere
	320-1458-28	1	100 Ampere	320-1557-58	1		400 Ampere
	320-1458-30	1	125 Ampere				480 Volt, 3 Pole
	320-1458-31	1	150 Ampere	320-1466-27	1		90 Ampere
			600 Volt, 3 Pole	320-1466-28	1		100 Ampere
	320-1458-44	1	90 Ampere	320-1466-30	1		125 Ampere
	320-1458-45	1	100 Ampere	320-1466-31	1		150 Ampere
	320-1458-47	1	125 Ampere				600 Volt, 3 Pole
	320-1458-48	1	150 Ampere	320-1467-08	1		175 Ampere
	320-1459-08	1	175 Ampere	320-1467-09	1		200 Ampere
	320-1459-09	1	200 Ampere	320-1467-10	1		225 Ampere
	320-1459-10	1	225 Ampere				W/Shunt Trip & Qux Contacts 480 Volt, 3 Pole
	320-1460-06	1	250 Ampere	320-1486-27	1		90 Ampere
	320-1460-07	1	300 Ampere	320-1486-28	1		100 Ampere
	320-1460-08	1	350 Ampere	320-1486-30	1		125 Ampere
	320-1460-09	1	400 Ampere	320-1486-31	1		150 Ampere
	320-1460-10	1	450 Ampere				600 Volt, 3 Pole
				320-1487-08	1		175 Ampere
				320-1487-09	1		200 Ampere